

## **Historic, archived document**

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# BUCHANAN'S

SEEDS *for* 1926



STECHER CO. ROCHESTER, N. Y.

BUCHANAN'S  
BUCK BRAND  
TOMATOES

## R.B. BUCHANAN SEED CO.

BUCK BRAND TESTED SEEDS

18 S. FRONT ST.

MEMPHIS, TENN.

# R. B. BUCHANAN SEED CO.

## BUCK BRAND TESTED SEEDS

### MEMPHIS, TENN.

January 1, 1926



To Our Customers:

Many, many thanks for the support given me during the 19 years that I have been selling seeds. Oct. 1, 1925, is the beginning of my twentieth year as a seedsman.

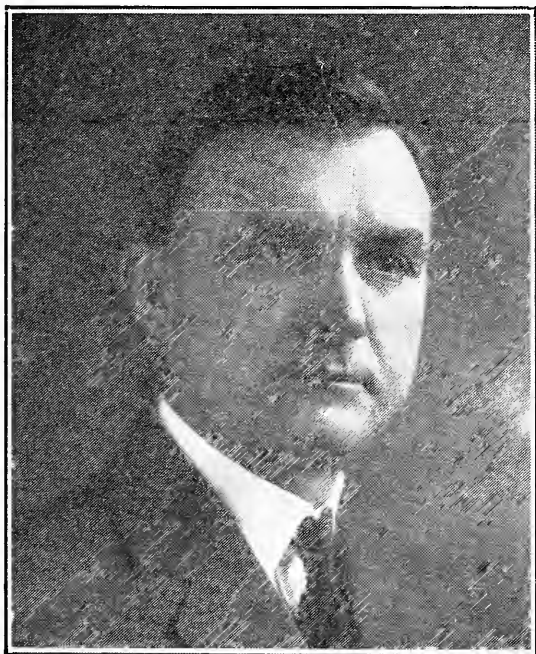
The year 1925 brought forth some unusual conditions in many of our affairs—I got tangled up with the hospitals and doctors last January and spent about seven months away from my business, but am in good health now and going strong—we experienced the longest drouth in 50 years and produced the finest cotton crop ever grown and then experienced the heaviest October rains ever known—lowering the grade of all cotton in the fields and ruining the seed for planting purposes.

**Cotton Seed**—Some are saving their seed picked and ginned since the rains—expecting to get a stand by planting double the usual amount next spring—to those I wish to say that I have tested many samples of seed picked and ginned since the October rains and have failed to find one lot that would do for planting purposes. I know that some have not finished their arrangements for next year's crops, and have not the money to buy cotton seed now—if this is the case with you I can help and will do so by carrying the seed until February 15th at the January prices. You make up your order and send it with \$1.00 per hundred and I will hold the seed until you are ready to pay the balance up until February 15th. If you want 100 lbs. of seed, send \$1.00; 500 lbs. of seed, \$5.00; 1000 lbs. of seed, \$10.00; 1 ton of seed, \$20.00. The catalogue quotes cotton seed only in one bushel and one hundred pound lots. Write immediately for cotton seed prices, if you are going to buy in larger quantities, as I expect seed to be much higher and very scarce before planting begins.

**Numbers**—All seeds listed in this catalogue are given a number prefixed at left of name and you can order by number, name or both. By always using the number you save time in writing the order and our time in filling it—this also helps to avoid mistakes.

**Flower Seeds**—We are devoting 12 pages to flower seeds, listing 400 varieties. Our flower seeds are grown in California by a firm of Flower Seed Growers who have a generation of experience and cultivate more than 1000 acres in flowers alone. We believe this firm to be the most reliable flower seed growers in the United States.

**Newlyweds**—To every couple who were married in 1925 and who send us their first order of garden or flower seed amounting to \$1.00 or more (at catalogue prices) to plant their 1926 garden, we will send free our collection of Giant Zinnia Seed No. 793, see page 49. Make up your order, send as usual, write on it when and where you were married and give name of the Minister.



R. B. BUCHANAN

Following the custom of many seedsmen, we this year for the first time quote Beans, Peas and Garden Corns, by weight and not by dry measure. Remember that 1/2 pound is about 1/2 pint, one pound about one pint and two pounds about one quart.

**Ministers of the Gospel**—Following our usual custom, we allow all Ministers a discount of 5% on field seed and 10% on all garden seed, flower seed, bulbs and plants listed in this catalogue.

**Seed Collections**—Thru this catalogue you will find about twenty-five collections of the various garden, flower seeds and bulbs—by ordering these collections you save money.

**Packets**—We have discontinued the 5c packet on vegetable and flower seeds—owing to the increased cost of everything that goes to make up a packet of seeds. Our 10c packets contain twice as much seed and some of them three or four times as much as many 5c packets.

Yours very truly,

R. B. BUCHANAN.



**ORDER BLANK OF R. B. BUCHANAN SEED CO. MEMPHIS**

**R. B. BUCHANAN SEED CO., MEMPHIS, TENN.**

Date.

**I am enclosing \$\_\_\_\_\_ for the following Seed to be**

sent by \_\_\_\_\_ ( State here if wanted by Mail, Express or Freight )

**Name** \_\_\_\_\_  
(Ladies will please put the prefix MISS or MRS.)

**P. O.**

**Express or  
Freight Office**

### Route.

## Box

County.

## State

PLEASE DO NOT WRITE  
IN THIS SPACE

Date Received \_\_\_\_\_

**Our Order No.**

**Mark Zone No. Here**

### Amount Received

\$

R. B. Buchanan Seed Co. give no warranty, either express or implied, as to description, quality, productiveness or any other matter, of seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. Crops are dependent for success or failure on so many things besides seed that it is impossible for us to give any warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop.

Buy our seeds, examine and test them, ask your county agent or neighbor about our reputation; then if you feel that our seeds are not as represented, return them and your money will be promptly refunded.

Have we your permission to substitute equal or better in nearest variety we can supply if out of variety ordered?\_\_\_\_\_Answer (.....)

If we can give you better service by shipping prepaid express instead of price postpaid, may we do so?.....Answer (.....)

Don't bother about what the express or freight charges will cost on small packets, ounces and pounds of garden seed, for we pay all express and mail charges for garden seed listed in our catalog in these quantities.

R. B. BUCHANAN SEED CO.

QUANTITY	Number in Catalog	NAMES OF SEEDS OR OTHER ARTICLES WANTED	Clerk's Check Col.	PRICE	
				Dollars	Cents
Amount Carried Forward,					

If you get more than one Catalogue please hand it to some friend. All members of one family should order goods under the name of the head of the family. Remember, in sending orders to always sign the name of the head of the family in the same way that he would in signing a check at the bank. Do not sign your name one time as John Jones and the next time as J. Jones or Mrs. J. Jones. The letter "J" might stand for James or Joseph. Often your Postmaster is confused in delivering mail to the right party on this account, and we, of course, want you to receive your orders and mail without any unnecessary delay.





## Planting, Maturity and Weight Table

This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plants should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seed is sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Memphis.

\*Indicates that the crop can either be planted in the Spring or Fall; if in the Spring, February to April; in the Fall, August, September and October.

	Time to Sow or Plant	Distance of Rows Apart	Distance of Plants in Rows	Quantity Per Acre	Ready to Use	Approx. Wgt. of Seeds per bu. in lbs.
Alfalfa	*Feb.-Mch. and Sept.-Oct.	Broadcast	Broadcast	15 to 25 lbs.	June	60
Artichoke—Tubers	Mar. to Apr.	2½ ft.	2 ft.	6 to 8 bu.	Sept to Oct.	50
Asparagus—Seeds	Mar. to Apr.	15 in.	4 to 6 in.	8 to 10 lbs.	3 years	60
Asparagus—Roots	Feb. to Mar.	6 to 8 ft.	12 to 18 in.	4,000 to 7,000	2 years	.....
Barley	Sept. and Oct.	Broadcast	Broadcast	2 bu.	June	48
Beans—Dwarf	Apr. to Aug.	2½ ft.	4 to 6 in.	1½ bu.	8 weeks	60
Beans—Navy	May to June	2½ ft.	6 in.	¾ to 1 bu.	Winter	60
Beans—Soja	May to June	Broadcast	Broadcast	1 to 1½ bu.	Fall and Winter	60
Beans—Pole	May to June	4 ft.	3 ft.	½ to ¾ bu.	10 weeks	60
Beans—Velvet	Apr. to June	4 ft.	3 ft.	¾ bu.	Fall	50
Beets—Table	Feb. to July	12 to 18 in.	4 in.	6 to 8 lbs.	1½ to 3 mo.	19½
Beets—Sugar	Apr. to June	2½ to 3 ft.	6 to 8 in.	5 to 6 lbs.	Fall and Winter	19½
Bermuda Grass	May to Dec.	Broadcast	Broadcast	10 lbs.	.....	.....
Berries	Oct. to Mar.	3 to 4 ft.	12 to 16 in.	.....	.....	.....
Broom Corn	April	36 in.	8 in.	6 lbs.	Aug.	48
Buckwheat	June to Aug.	Broadcast	Broadcast	¾ to 1 bu.	Fall	50
Bulbs	Spring to Fall	.....	.....	.....	.....	.....
Cabbage—Plants (early)	Mar. to Apr.	30 in.	15 to 20 in.	10,000 to 14,000	June and July	54
Cabbage—Plants (late)	July to Aug.	3 ft.	2 ft.	7,260	Fall and Winter	54
Carrot	Mar. to June	1 to 2 ft.	3 to 4 in.	3 to 4 lbs.	45 to 70 days	28
Cauliflower—Plants	Mar. to Apr.	2½ ft.	2 ft.	8,000 to 10,000	3 months	54
Celery—Plants	June to Aug.	3 to 4 ft.	6 to 9 in.	15,000 to 30,000	4 to 5 mo.	37
Clover—Red and Sapling	*Feb. to Oct.	Broadcast	Broadcast	8 to 10 lbs.	June	60
Clover—Alsike	*Feb. to Oct.	Broadcast	Broadcast	5 to 8 lbs.	June	60
Clover—Crimson	July to Oct.	Broadcast	Broadcast	12 to 15 lbs.	June	60
Clover—Sweet	*Feb. to Sept.	Broadcast	Broadcast	20 lbs.	.....	60
Clover—White	*Feb. to Sept.	Broadcast	Broadcast	8 lbs.	.....	60
Corn—Garden	Apr. to July	3 to 3½ ft.	9 to 15 in.	4 to 6 qts.	2 to 3 mo.	44 to 50
Corn—Field (drills)	Apr. to July	3½ to 4 ft.	10 to 18 in.	6 to 8 lbs.	3 to 4 mo.	58
Corn—Field (checked)	Apr. to July	3½ to 4 ft.	3½ to 4 ft.	4 qts.	3 to 4 mo.	56
Cotton	Apr. to May	36 in.	12 to 15 in.	20 lbs.	Sept.	30
Cucumber	Apr. to July	4 to 5 ft.	4 ft.	2 lbs.	2 to 2½ mo.	39
Egg-Plant—Plants	May to June	3 ft.	2½ to 3 ft.	5,000 to 6,000	60 days	39
Endive	Aug.	18 in.	12 in.	4 to 5 lbs.	2 to 2½ mo.	26
Grass Seeds—Light	*Feb. to Oct.	Broadcast	Broadcast	1½ to 2 bu.	Late Spring	14
Grass Seeds—Lawn	*Feb. to Oct.	Broadcast	Broadcast	80 to 100 lbs.	8 to 10 weeks	20
Horseradish—Roots	Feb. to Mar.	2½ ft.	12 to 18 in.	12,000 to 15,000	6 to 8 mo.	.....
Kale—Spring	*Feb. to Oct.	Broadcast	Broadcast	6 to 8 lbs.	5 to 6 weeks	56
Kale—Winter	July to Oct.	Broadcast	Broadcast	3 to 4 lbs.	Fall to Spring	54
Kohl Rabi—Plants	Mar. to Apr.	1½ to 2 ft.	10 to 12 in.	21,000 to 34,000	2½ to 3 mo.	56
Lespedeza	Feb. to June	Broadcast	Broadcast	1 bu.	August	25
Lettuce—Plants	*Mar. to Oct.	12 to 15 in.	6 to 8 in.	40,000 to 80,000	1½ to 2 mo.	35
Melon—Musk	May to July	4 to 6 ft.	4 to 6 ft.	2 lbs.	2½ to 3 mo.	32
Melon—Water	May to June	8 to 10 ft.	8 to 10 ft.	3 lbs.	3 months	35
Millet—German	May to Sept.	Broadcast	Broadcast	1 bu.	6 to 7 weeks	50
Mustard	*Mar. to Nov.	Broadcast	Broadcast	4 to 5 lbs.	6 to 8 weeks	56
Nursery Stock	Oct. to Mar.	15 to 25 ft.	15 to 25 ft.	.....	.....	.....
Oats—Spring	Feb. to Apr.	Broadcast	Broadcast	1½ to 2 bu.	July 1	32
Oats—Winter	*Feb. to Oct.	Broadcast	Broadcast	1½ to 2 bu.	June 20 to July 10	32
Okra	Apr. to May	2½ to 3 ft.	8 to 10 in.	8 to 10 lbs.	60 to 70 days	48
Onions—For large bulbs	Mar. to Apr.	12 to 14 in.	.....	4 to 5 lbs.	July to August	39
Onions—For sets	Feb. to Apr.	10 to 12 in.	.....	40 to 50 lbs.	July	39
Onion Sets	Feb., Mar., Apr.	12 in.	4 in.	15 to 16 bu.	June	32
Parsley	Mar. to Apr.	12 in.	.....	15 lbs.	July	42
Parsnip	Mar. to Apr.	18 in.	4 to 6 in.	5 to 7 lbs.	Fall and Winter	18
Pasture Mixture	*Feb. to Nov.	Broadcast	Broadcast	25 lbs.	.....	.....
Peanuts	Apr. to June	30 in.	15 in.	1 bu.	Oct.	22
Peas—Smooth	Feb. to Mar.	2½ to 3 ft.	.....	1½ to 2 bu.	7 weeks	60
Peas—Wrinkled	Mar. to May	2½ to 3 ft.	.....	1½ to 2 bu.	7 to 9 weeks	56
Peas—Canada Field	Feb. to Apr.	Broadcast	Broadcast	1½ bu.	June 15	60
Peas—Cow	May to Aug.	Broadcast	Broadcast	1½ bu.	3 months	60
Pepper—Plants	May 15	30 in.	15 to 18 in.	11,000 to 14,000	2 to 2½ mo.	28
Potatoes—Early	Mar. to Apr.	27 in.	10 to 12 in.	8 to 12 bu.	June to July	60
Potatoes—Late	July to Aug.	30 in.	15 to 18 in.	8 to 10 bu.	Oct. to Nov.	60
Sweet Potato—Plants	Apr. 10 to July 1	3 ft.	20 to 24 in.	7,000 to 8,000	Sept. to Winter	45
Pumpkin	May	8 to 10 ft.	8 to 10 ft.	2 lbs.	Fall	24
Radish	Feb. to Oct.	10 to 15 in.	3 in.	8 to 10 lbs.	24 to 40 days	56
Rape	*Feb. to Nov.	Broadcast	Broadcast	6 to 8 lbs.	6 to 8 weeks	56
Red Top Grass	Feb. to Sept.	Broadcast	Broadcast	14 to 18 lbs.	.....	30
Rhubarb—Roots	Feb. to Apr.	4 ft.	2 to 3 ft.	5,000 to 7,000	Next year	.....
Rye	Aug. to Dec.	Broadcast	Broadcast	1 to 2 bu.	.....	56
Salsify	Mar. to Apr.	1½ to 2 ft.	3 to 4 in.	6 to 8 lbs.	Fall and Winter	18
Sorghum	*Apr. to Nov.	36 in.	4 to 10 in.	6 lbs.	Aug.	50
Spinach—Early	*Feb. to Nov	Broadcast	Broadcast	15 to 20 lbs.	8 weeks	48
Squash—Spring	May	4 ft.	3 ft.	3 lbs.	July	26
Squash—Winter	May to June	6 to 8 ft.	6 to 8 ft.	2 lbs.	Fall and Winter	22
Sudan	Apr. to June	30 in.	Broadcast	20 lbs.	Aug. to Oct.	50
Teosinte	May to June	3 to 3½ ft.	8 to 10 in.	3 to 5 lbs.	Aug. to Oct.	46
Tobacco—Plants	May to June	3 to 3½ ft.	2½ to 3 ft.	4,800 to 5,000	Sept. to Oct.	35
Tomato—Plants	May to July	4 ft.	3 to 4 ft.	2,700 to 3,600	July until frost	20
Turnip	*Feb. to Nov.	Broadcast	Broadcast	1½ to 2 lbs.	1½ to 2 mo.	56
Vetch	Aug. to Oct.	Broadcast	Broadcast	50 lbs.	May	50
Wheat	Oct. to Dec.	Broadcast	Broadcast	1 to 1½ bu.	June 20	60

WE ARE SHIPPING MANY ORDERS OF FIELD SEEDS OF 50 lbs. AND LESS BY PARCEL POST.

Buchanan's Twenty-five Vegetable Collections Thru This Catalog Save You Money

# BUCHANAN'S

## ROOTS, HERBS & VEGETABLE PLANTS

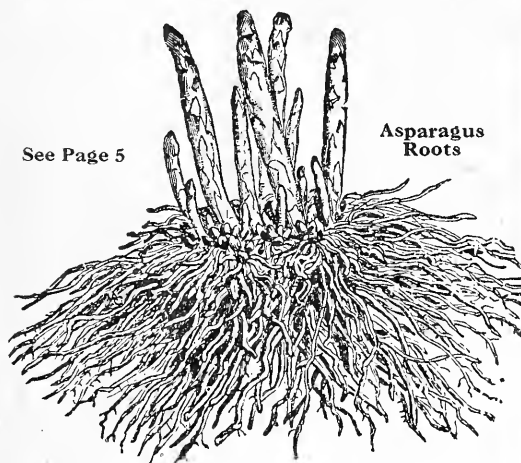


**HOW WE SHIP**—All Plants, Roots and Bulbs are forwarded by **Express** or **Parcel Post**; if by express, you pay charges when goods delivered to you; if by parcel post, charges paid by me. Notice that I quote Postpaid such Plants, Roots and Bulbs as can be sent by parcel post.

Many of my customers live at a distance from the express office, making it more convenient for them to receive their goods by Parcel Post, especially when they are busy in the spring, and we have a special department for packing **Live Plants** so they will reach you in the best of condition when shipped by Parcel Post.

See Page 5

Asparagus  
Roots



### Horse Radish Roots

(1)—**HORSE RADISH ROOTS.** Horse radish is used in most every household during the fall and winter months when the fresh product is ready. As soon as the ground can be worked in the spring set the roots in rows, 6 inches apart, and about 6 inches apart in the rows.

Price ..... Dozen, 40c; 50 for \$1.50



All Prices on this Page Post Paid

100 500 1000

### Beet Plants

Ready March 10th to May 1st.

Eclipse	Early Detroit	Crosby Egyptian	
Prices, Hotbed Stock			.45 1.75 3.00

### Cauliflower Plants

Ready March 10th and up to May 1st.

Early Snowball	Dozen, 25c	1.25	
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### Hotbed Cabbage Plants

These are grown in hotbeds and are, of course, a bright green looking plant, but they should not be planted out until the 10th or 15th of March.

Early Flat Dutch	Early Jersey Wakefield	} .50 1.75 3.00
Large Late Drumhead	Early Summer	
Succession	Charleston Wakefield	

### Egg Plants

Ready April 20th, and up to June 1st.

Black Beauty	New York Improved Purple	Dozen, 25c	1.25
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### Lettuce Plants

Ready March 1st, and up to May 1st.

Big Boston	Large White Cabbage Head	.45 1.75
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### Pepper Plants

Ready April 20th, and up to June 1st.

Chinese Giant	Long Red	Crimson Giant	
Prices, Hotbed Plants		Dozen, 25c	1.25

### Tomato Plants

Ready March 25th, and up to June 1st.

Our own growing; all first-class stock; varieties as follows:

Acme	Dwarf Giant	Ponderosa	
Early Detroit	Beauty	Stone	
Prices, Hotbed Stock, or Seedling Plants		Dozen, 35c	1.25 5.00
Prices, Transplanted Stock		Dozen, 40c	1.50 6.00

### (2) Rhubarb Roots

The planting of rhubarb roots is usually more satisfactory than to attempt to start from seed. Both time and labor are saved where the former method is followed. Roots such as we furnish should be set into well enriched soil at least five feet apart each way. The stalks should not be pulled the first season. The blossom stalks, however, should always be cut back so as not to exhaust the plant by going to seed.

Each, 25c; Dozen, \$2.25

DELIVERIES OF ALL PLANTS WILL BE MADE SUBJECT TO CROP FAILURES AND OTHER CAUSES BEYOND OUR CONTROL

**Buchanan's Twenty-Five Vegetable Collections Thru This Catalog Save You Money**





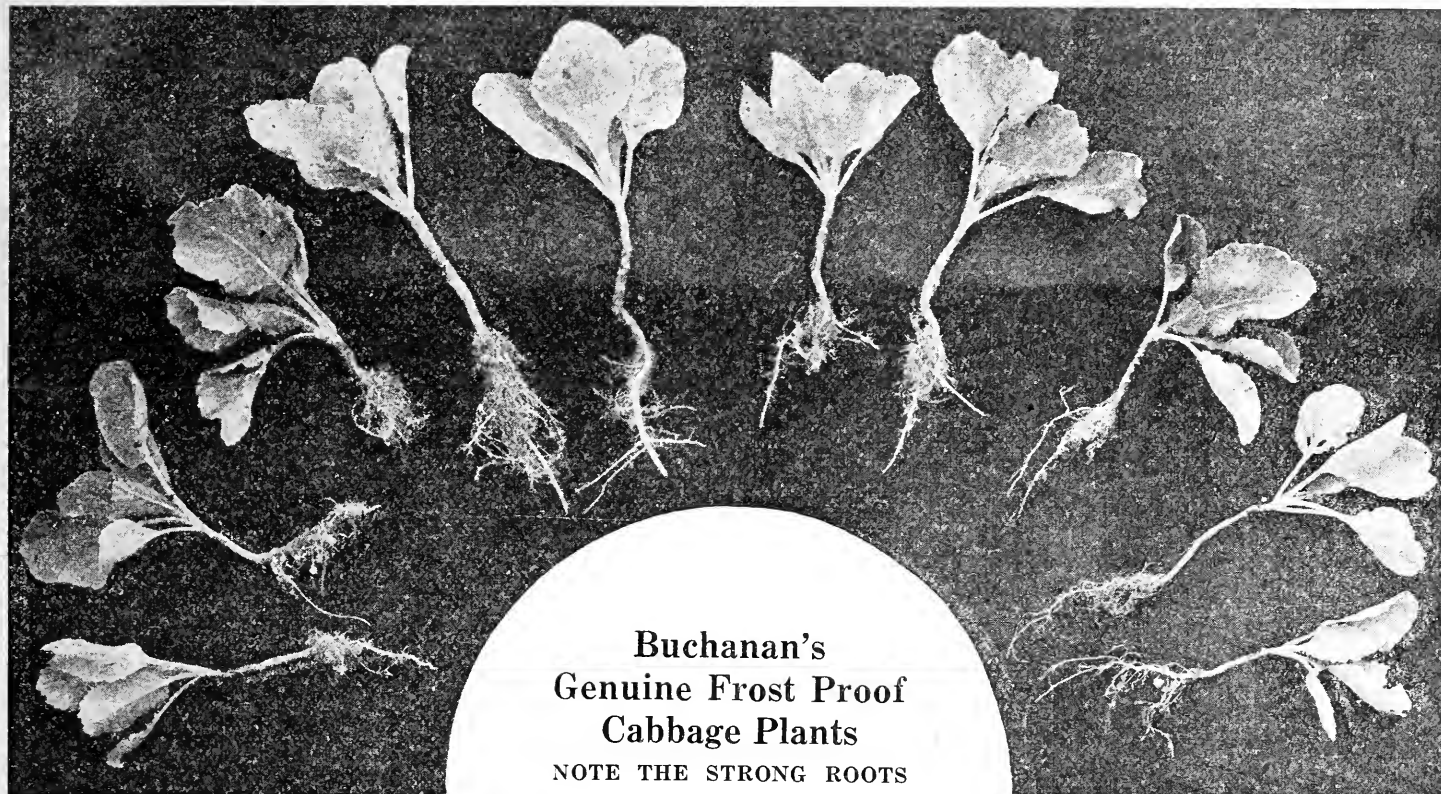
R.B. BUCHANAN SEED CO.

MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

# Buchanan's Frost Proof Cabbage Plants



Buchanan's  
Genuine Frost Proof  
Cabbage Plants

NOTE THE STRONG ROOTS

## Buchanan's Genuine Frost Proof Cabbage Plants are Tough and Hardy

OUR GENUINE FROST PROOF CABBAGE PLANTS have become one of the most important items that we list, and they being usually the first thing purchased by our customers, that we are devoting one of our first pages to them.

There is only one place where we have grown successfully the GENUINE FROST PROOF CABBAGE PLANTS, and that place is the low-lying sea islands along the coast of South Carolina, where the soil, climate and salt air from the sea make an ideal combination for growing these plants, and I ask you most sincerely not to confuse our GENUINE FROST PROOF CABBAGE PLANTS with the cabbage plants grown in hot beds or in the open in many parts of the south where the climate is warm, many miles inland from the sea, and advertised as FROST PROOF, as these plants will not stand the cold like our GENUINE FROST PROOF PLANTS.

BUCHANAN'S GENUINE FROST PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury, the land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them, providing the temperature does not go below 20 degrees above zero.

The plants make a slow but steady growth until at eight or ten weeks of age, they are very tough and hardy. The buds are purple and the outer leaves a reddish brown. When they reach this condition (about January 1st) we begin shipping—our customers setting them out six to eight weeks before their home raised plants are ready for setting, and while the top of the plant does not grow until your regular spring weather opens up, THE ROOTS GROW FROM THE TIME THEY ARE PLANTED, and when Spring opens the plant grows very fast, maturing headed cabbage two to four weeks sooner than you can mature them from hot bed or cold frame plants.

BUCHANAN'S GENUINE FROST PROOF CABBAGE PLANTS will be somewhat wilted and have a hard, stunted appearance when you receive them. Do not let this disappoint you, as it is the natural way they grow. Plant them, the crop will not be disappointing. They are the genuine Frost Proof Plants.

VARIETIES: EARLY JERSEY AND LARGE CHARLESTON WAKEFIELD, SUCCESSION AND EARLY FLAT DUTCH.

### PRICES—PARCEL POST PREPAID:

100 for 50c; 200 for 95c; 300 for \$1.25; 500 for \$1.75; 1000 for \$3.00.

Prices by Express not Prepaid, from Growing Station.

F. O. B. Growing Station: 1000 to 3,000 plants, \$2.00 per 1000; 5000 or over, \$1.50 per 1000.

We do not attempt to compete in price with hot bed or inland grown cabbage plants.

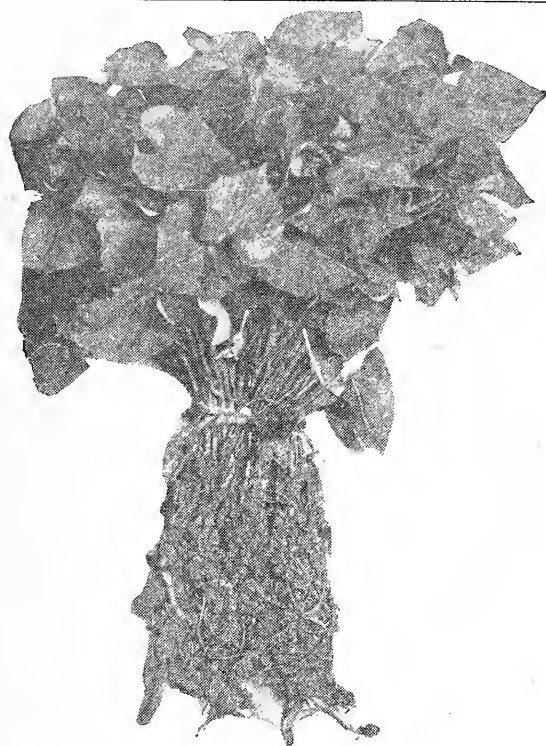
DELIVERIES OF ALL PLANTS WILL BE MADE SUBJECT TO CROP FAILURES AND OTHER CAUSES BEYOND OUR CONTROL.

**R. B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

## Buchanan's Disease-Free Sweet Potato Slips

All Potato Plants packed  
in 100 to each bundle

Sweet Potato Slips are planted in rows about three feet apart, and the Plants set twelve inches apart in the row. It takes about 7,500 Plants for each acre of ground. For a home garden 1,000 Slips will make you a nice patch, and I ship many orders of 500 and even 100 Plants to those having small gardens.



Sweet Potato Slips



Onion Plants

All Prices on This Page are Post Paid.

We begin shipping Sweet Potato Slips April 10, weather permitting, and ship every day until July 1, and have shipped as late as July 17. When ordering state what date you want your slips shipped. We believe May and June are the best months to set them. Owing to the most severe drouth in history during 1925—slips are going to be extremely scarce—we have a fine lot of seed of the Nancy Hall and Porto Rica varieties and comply with all state laws and can ship into any state. Our 19 years experience in pulling, packing, shipping is back of all slips we ship; have shipped slips to California, Florida, Texas and New Mexico, as well as our neighboring states, and have had them on the road six days without loss. Order early.

**NANCY HALL**—This is our most popular Sweet Potato, because of its early maturing and ready sale on all markets, especially the Northern markets, where the Southern Nancy Hall is known as the best eating sweet potato grown. Color, yellow, slightly running; ready to harvest in July, fine for cooking, but does not keep during the winter as well as the Porto Rica. Price, 100 60c; 500 \$2.50; 1000 \$4.50.

**PORTO RICA YAMS**—We have grown this Sweet Potato for five years and the demand for both Seed and Slips has increased each year; it is fine-grained, juicy, as good for eating as the Nancy Hall, and has the additional quality of being a good winter keeper. Color, golden red, running, late maturing, good keeper and I consider it the best Sweet Potato grown today for home use. Price, 100 60c; 500 \$2.50; 1000 \$4.50.

Write or phone for prices on larger quantities.

## Buchanan's Onion Plants

Raise Early Onions From Onion Plants.

For those who desire an early crop, either for table use or for local marketing, these plants will prove most desirable, and the fact that they are inexpensive and call for the minimum of labor and trouble in producing the crop has created an ever-increasing demand for them. They may be set out at the same time you would plant sets or cabbage plants. Plant in rows about 15 inches apart and 3 to 4 inches apart in row. They will produce a better keeping onion than sets and I advise buying them this year as sets and onion seed are so scarce and high in price.

We can supply the following varieties:

**PRIZETAKER**—It can be successfully grown in all parts of the central South. It is very large, frequently measuring 12 to 18 inches in circumference, and fine bulbs have been raised weighing 4½ to 5 pounds each. Flesh is pure white, fine grained and of mild, delicate flavor. The outside skin is rich, yellowish brown.

**YELLOW BERMUDA**—The most popular of all the Bermuda varieties. It is the standard variety with the large commercial Bermuda Onion growers. It is a light straw-colored onion. Our special stock ripens early, is of the best color and the heaviest yielder. No onion compares with the Bermuda in mildness of flavor, and for this reason it is extensively planted, especially in the South, where it reaches perfection. You will make no mistake in planting the Bermuda Onion this spring. We recommend this variety unreservedly for earliness, good yields and mildness of flavor, either young for pulling green or fully matured.

**CRYSTAL WHITE WAX BERMUDA**—Unquestionably the most attractive onion in the world. It is an absolutely pure white Bermuda Onion with a most beautiful waxy appearance that makes it sell on sight in all markets. This is the onion retailers so generally offer for sale, as it really sells itself. No other onion has such clear, white skin, such mildness of flavor. It is deliciously tender and can be eaten raw like an apple. A large yielder, consequently a highly profitable type to grow. Except in color, it is identical with the Yellow Bermuda; has all of the desirable qualities, with which is combined a much more handsome appearance.

Price, 100 35c; 500 \$1.25; 1000 \$2.25. Write for prices on larger quantities prepaid to you.

Deliveries of all Plants will be Made Subject to Crop Failures and Other Causes Beyond Our Control

# BUCHANAN'S

## BUCK BRAND TESTED

## VEGETABLE SEEDS



Please notice that we pay postage or express charges on all seeds ordered by the packet, ounce, quarter-pound and pound. Cultural directions will be found on most of our packets, but are given at the heading of each class of vegetable listed herein. We list only such varieties as in our experience and judgment are best suited to our climate to produce crops of abundance and quality.

ALL PRICES ON THIS PAGE POST PAID

### Asparagus Seed

One Ounce Will Sow About 50 Feet of Drill.

Sow in spring as soon as the soil is in good working condition. Cultivate during the summer, and give the plants a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

5—**COLOSSAL**—The approved standard sort. Pkt., 10c; 1 oz., 15c; 1/4 lb. 25c; 1 lb. 75c.

6—**COLUMBIAN MAMMOTH**—Very large shoots. Pkt., 10c; 1 oz. 15c; 1/4 lb., 25c.

### (4) Asparagus Roots

Plant Either in Fall or Spring.

A saving of 1 to 2 years is effected by planting roots. For private use or for marketing on a small scale, beds should be formed 5 feet wide, with 3 rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, 9 inches. Varieties: Colossal and Columbian Mammoth.

Roots are a little more expensive than seed, but the time saved and the generally more satisfactory growth from our extra large roots makes them well worth while. Price: Doz. 50c; 50 \$1.50; 100 \$2.50.

## Kale or Borecole

**CULTURE**—One ounce to 200 feet of row; 4 pounds to the acre. Kale is extensively grown in the South during the fall, winter and spring. The leaves used principally for greens and there is nothing better than a pot of kale boiled with bacon. Where climate permits seed may be sown any time from August to October and again during February and March, broadcast or in drills, 18 inches apart so that the plants when small may be cultivated. The quality is improved rather than injured by frost if not too heavy.

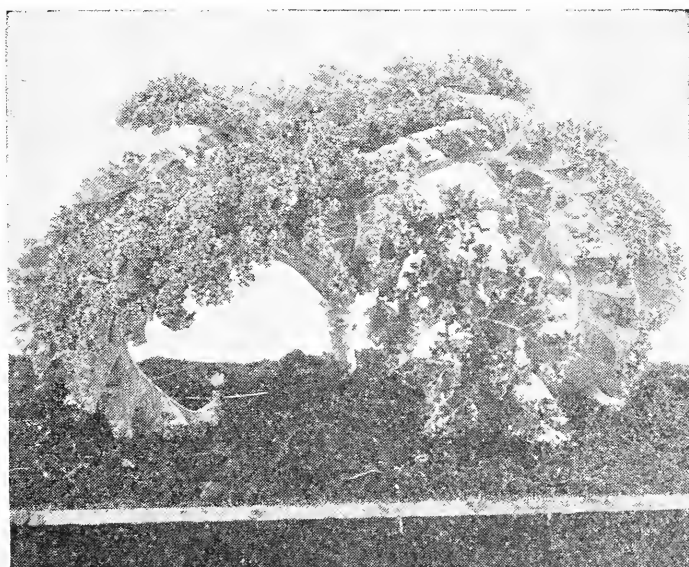
187—**DWARF CURLED SIBERIAN**—Very hardy and vigorous growing variety of spreading habit, its foliage having a distinct bluish tinge. This is the most popular variety grown, especially in the South. Pkt., 10c; 1 oz., 15c; 1/4 lb., 25c; 1 lb., 55c.

188—**DWARF CURLED SCOTCH**—This variety is extensively grown in the South for shipment North. Leaves finely curled, long and attractive. Pkt., 10c; 1 oz., 15c; 1/4 lb., 30c; 1 lb., 60c.

189—**TALL GREEN CURLED SCOTCH**—The plant of this variety grows 3 to 4 feet high, bearing long plume-like light green leaves, which are deeply cut, also finely curled at edges. Pkt., 10c; 1 oz., 15c; 1/4 lb., 35c; 1 lb., 75c.

190—**NORFOLK TALL SMOOTH-LEAF**—Fine for greens in the late fall after frost. Pkt., 10c; oz., 15c; 1/4 lb., 25c; lb., 55c.

7—**WHITE CAPE BROCCOLI**—The Cape Broccoli is the best type for the South and you will do well to have it in your garden this year. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Pkt., 10c; 1 oz., 75c.



Dwarf Scotch Kale

### Brussels Sprouts

8—**DWARF IMPROVED**—Bearing a large crop of small, solid tender heads. Pkt., 10c; 1 oz., 30c; 1/4 lb., 65c.

**Buchanan's Twenty-Five Vegetable Collections Thru This Catalogue Save You Money**

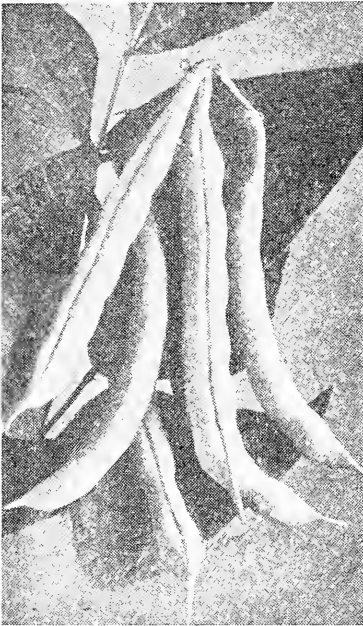




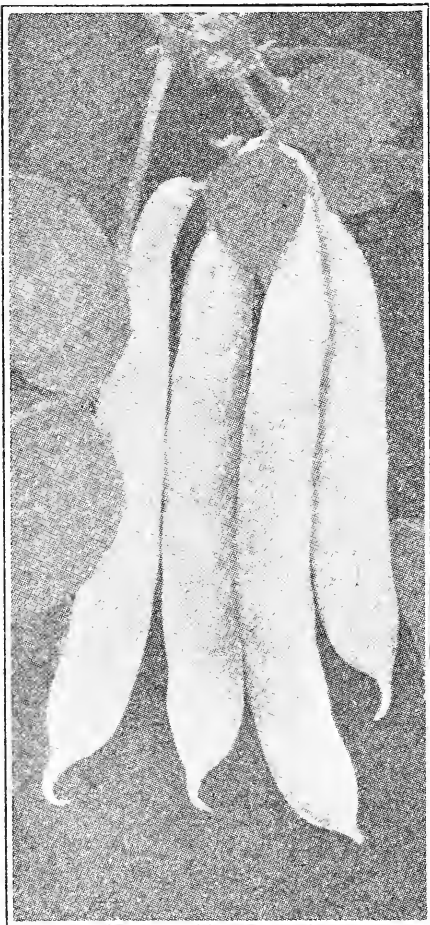
## Beans—Dwarf or Bush Green and Wax Podded Varieties

**CULTURE.**—One quart will plant 100 feet of drill. Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until September. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans, gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

**BEAN PRICES.**—Beans now sold by the pound. A pound is approximately a pint; 2 lbs., slightly over a quart; 5 lbs., about 2½ quarts; 10 lbs., about 5 quarts; 15 lbs., equal to a peck, and a bushel weighs 60 lbs.



Red Valentine



Stringless Green Pod

### All Prices on this Page Post Paid

	Pkt.	½ Lb.	1 Lb.	2 Lb.
<b>37 IMPROVED EXTRA EARLY RED VALENTINE.</b> A standard variety, extra early, and for snaps there is nothing superior to this variety among the green podded sorts, both for home use or the market. This variety is more largely planted in Arkansas, Mississippi, Tennessee and other Southern States than any other sort. The pods are produced in large clusters on erect plants. It is very prolific and reliable and an excellent shipper. The pods are of medium length, and about 4½ inches, medium green color, curved, cylindrical, with crease in back, very fleshy, crisp and tender. When the young plants have to contend with adverse weather conditions, no other dwarf bean is more certain than the Valentine is to set pods. If you plant our stock of this bean you are safe, as you are sure of obtaining from us a strain of seed that will produce exactly as desired. The tremendous quantity of Red Valentine Beans we sell every spring to critical truckers and market gardeners is the best evidence that our seed is sought for and demanded wherever this variety is grown extensively for shipping purposes. It is one of the most profitable market varieties.....	.10	.20	.35	.65
<b>40 STRINGLESS GREEN POD (BURPEE'S.)</b> This is one of the most popular and best of the stringless varieties. It is earlier than the Valentine, absolutely stringless, hardy, vigorous and productive. Pods are long and straight, round, meaty, of green color, and remain tender and crisp a long time after maturity, and are of excellent flavor. Seed of medium size and length, yellowish brown.....	.10	.20	.35	.65
<b>39 BLACK VALENTINE.</b> This Bean has beautiful large pods about 6 inches long, slender, round and nearly straight; stringy, fibrous though fine grained, dark green in color. Seed black. An early, productive, profitable, gardener's variety. The plant is more vigorous and productive than the Red Valentine and pods darker green....	.10	.20	.35	.65
<b>44 GIANT STRINGLESS GREEN POD.</b> Exceptionally fine for either home use or market. The pods are round, 5 to 6 inches long, meaty, perfectly stringless and are borne continuously for weeks	.10	.20	.35	.65
<b>38 TENNESSEE GREEN POD.</b> A very hardy and healthy bean of recent introduction; is a good yielder of large, very flat pods, 6 to 7 inches long; dark green color and excellent flavor. Not entirely stringless. Its chief recommendations are earliness and vigor. This fine variety is planted very extensively in the South.....	.10	.20	.35	.65
<b>41 REFUGEE, OR THOUSAND TO ONE.</b> A very productive, hardy, vigorous late sort, much in favor with the canning trade. Seed long, cylindrical, light drab, thickly dotted and splashed with purple.	.10	.20	.35	.65
<b>43 EARLY MOHAWK.</b> This hardy variety can be planted earlier than others and in this way will often furnish beans fit for use before any other green podded variety. The plants are large and with coarse dark green leaves. Seed of large size and length, mottled brown....	.10	.20	.35	.65
<b>45 RUBY DWARF HORTICULTURAL.</b> An improved type of the Dwarf Horticultural, and the best of the dwarf sort for green shell beans for the home or market and can be used as a green-podded snap bean. Seed large, oval, plump, pale buff, splashed with deep red....	.10	.20	.35	.65
All above Beans of one variety, 5 lbs. \$1.25; 10 lbs. \$2.40; 15 lbs. \$3.50.				

Buchanan's Twenty-Five Vegetable Collections Thru This Catalogue Save You Money



## Buchanan's Dwarf or Bush Wax Podded Beans

ALL PRICES ON THIS PAGE POST PAID.

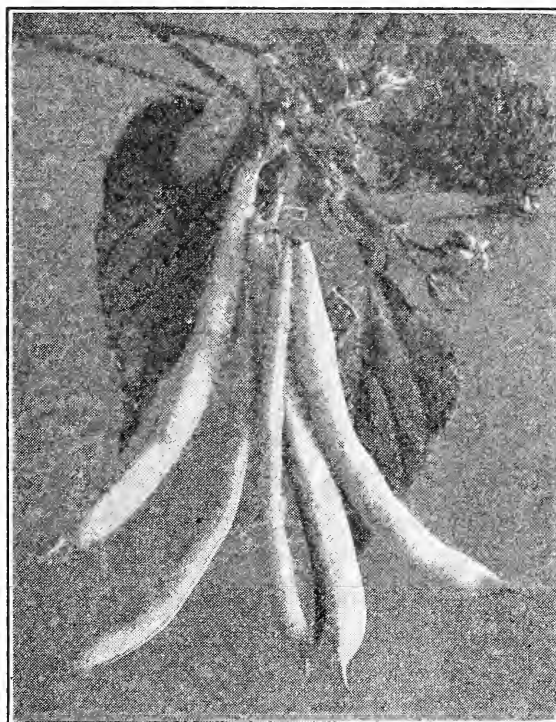
## Beans

No crop responds more readily than Beans to good soil and cultivation. A light, rich, well drained loam which was manured for the previous crop is the most desirable. If too rank manure is used it is apt to make the plant run too much to vine.

Beans are very sensitive to both cold and wet and it is useless to plant them before the ground has become dry and warm. The largest returns will result from planting in drills from two to three feet apart. Cover the seed one and one-half to two inches deep and thin the young plants three to six inches apart in the row. If planted in hills, make the hills about two feet apart each way. For succession, plant at intervals of one to two weeks till midsummer. The plants up to the time of blossoming should have frequent shallow cultivation, but any mutilation of the roots by cultivation after the plants come into bloom is likely to cause the blossoms to blast and so cut off the crop. Cultivation should always be very shallow and it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

We give careful attention to selecting and improving the different varieties and keeping them pure and we invite the most critical comparison of our stocks with those of any other grower.

The varieties of garden beans we offer have been separated for convenience into five groups: Wax Podded Dwarf or Bush sorts, Green Podded Dwarf or Bush sorts, Dwarf Limas, Pole or Running sorts and Pole Limas. Nearly all of these sorts, except the Limas, are suitable when young for use as snaps, which in some localities are called "snapshots." The low growing sorts are called Bunch beans in some sections. In northern latitudes the term "butter-beans" is often applied to low growing wax podded sorts. In the south, however, the term "butter-beans" is usually applied to limas.



Stringless Green Pod

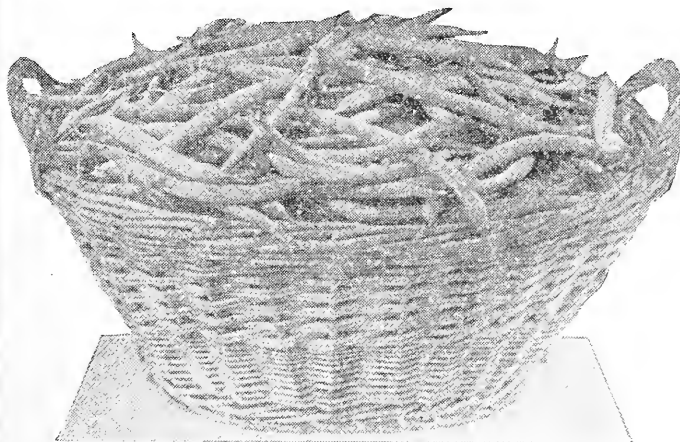
All Prices Post Paid

## Dwarf Wax Beans

	Pkt.	1/2 Lb.	1 Lb.	2 Lb.
55 DWARF GERMAN OR BLACK WAX. A very early dwarf growing variety, will stand close planting; very prolific, pods medium length, stringless and nearly round, of creamy white color. Seed small, oblong, solid black. . . . .	10	.25	.40	.70
56 BLACK WAX, CURRIE'S RUST-PROOF. Very productive, rustless; long, flat pods, which are very crisp, brittle and tender when young. Seed black, fine for shipping. . . . .	10	.25	.40	.70
57 DAVIS WHITE KIDNEY WAX. One of the most popular flat podded wax beans. Long, handsome, yellow pods of fine quality. Seed medium large, kidney shaped, clear white. . . . .	10	.25	.40	.70
58 BUCHANAN'S IMPROVED GOLDEN WAX. One of the best Snap Beans, with golden yellow pod of excellent flavor. Medium in length, straight and oval. Seed white and mottled brown, round in shape. . . . .	10	.25	.40	.70
60 ROUND-POD, KIDNEY WAX (Brittle Wax). The best of the round podded sorts; early, prolific; pods long, handsome shape and color; entirely stringless; quality excellent. Seed white with brownish-black eye. . . . .	10	.25	.40	.70
59 SURE CROP STRINGLESS WAX. In many respects the finest wax bean ever introduced. It is very prolific and of the finest eating qualities. The handsome rich looking yellow pods are 6 to 7 inches long, almost round, very meaty and sweet flavored; stringless at all stages of growth. Plants are very upright in growth, healthy and vigorous. . . . .	10	.25	.40	.70
61 WHITE NAVY, OR BOSTON PEA BEANS. Yields large quantities of white shell beans, which are used for baking. . . . .	10	.25	.40	.70

## Buchanan's Big 5 Bean Collection

51—One packet each—Red Valentine, Buchanan's Golden Wax, Kentucky Wonder, Buchanan's Bush Butter and Buchanan's Pole Butter Bean. 50c for 40c. One Pound Each—Red Valentine, Buchanan's Golden Wax, Kentucky Wonder, Buchanan's Bush Butter and Buchanan's Pole Butter beans. \$1.75 for \$1.60. Two Pounds Each—Red Valentine, Buchanan's Golden Wax, Kentucky Wonder, Buchanan's Bush Butter and Buchanan's Pole Butter Beans. \$3.25 for \$3.00.



Buchanan's Improved Golden Wax

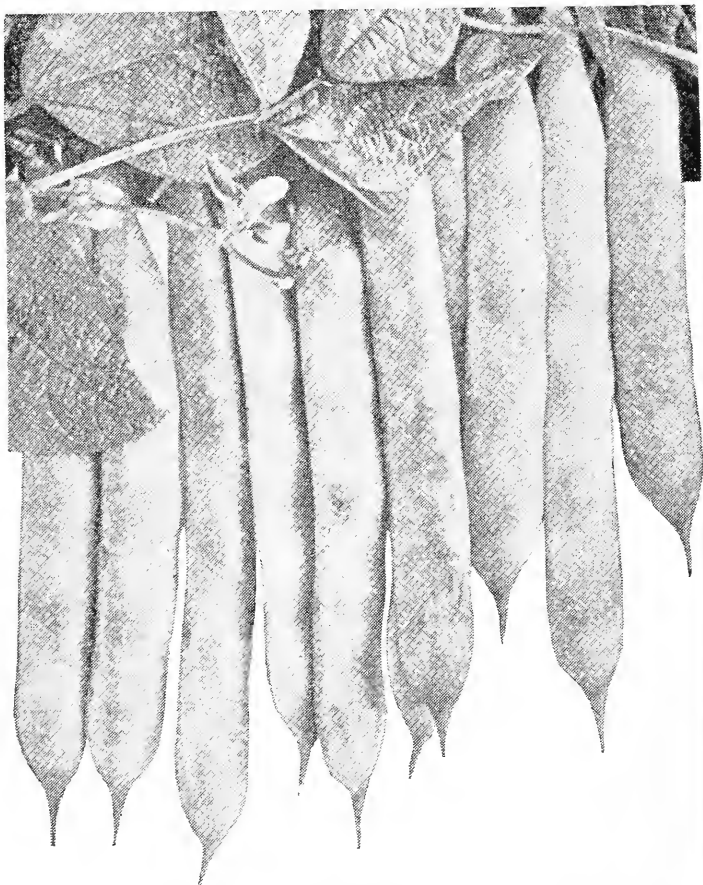


## Buchanan's Pole or Running Beans

**CULTURE.**—One quart will plant about 150 hills. Pole Beans require warm, rich, loamy soil and, in the South, should not be planted until two weeks later than Bush Beans. Plant in rows 4 feet apart each way, or in drills if wire trellis is used. Plant 4 to 6 beans around each pole, or 2 to 3 beans may be planted in hills a foot apart under a wire trellis. Cultivate freely and, if possible, top-dress around each hill with a small quantity of Buchanan's Truck Fertilizer. When hoeing, work this dressing well into the soil.



Buchanan's Kentucky Wonder



White Kentucky Wonder

### All Prices on this Page Post Paid

	Pkt.	1/2 Lb.	1 Lb.	2 Lb.
67 <b>KENTUCKY WONDER.</b> Sometimes called Old Homestead. This is no doubt the most popular and practically useful of the green podded pole beans for use as snaps. It is early, very prolific, with showy pods of the most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are very long, often measuring 9 to 10 inches, and are light green in color, curved and twisted nearly round, and very crisp when young, becoming irregular and spongy as they ripen. Seed long oval, slightly flattened, dun colored.	.10	.25	.45	.80
68 <b>WHITE CREASEBACK.</b> This variety is valuable for its extreme earliness and its habit of perfecting all its pods within a short time. The vines are medium-sized, hardy and moderately productive. The pods measure 5 to 6 inches long, uniform, round, slender, slightly stringy, very fleshy, brittle and fine grained, good quality and dark green color. Seed small, oval, white.	.10	.25	.45	.80
66 <b>STRIPED SCOTIA OR CORNFIELD BEANS.</b> A superb long green bean, succeeding better when planted in cornfield than any other variety. The handsome green pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long, thick meated, rich and buttery. It continues in bearing so long it might be called "Everbearing." Specially adapted to growing on corn, thus economizing space on valuable land, or where poles are scarce. Seed small-medium, kidney shaped, mottled putty color with dark striping.	.10	.25	.45	.80
72 <b>WHITE OR SOUTHERN CORNFIELD.</b> A popular early green podded pole bean for snap-shorts; of rapid growth and very productive. Pods grow in clusters and are from 5 to 6 inches in length, perfectly round, being deeply creased or "saddle-backed." The dry seed is pure white and excellent for winter use. Seed small oblong, white in color.	.10	.25	.45	.80
71 <b>WHITE KENTUCKY WONDER (Green Pod).</b> This is truly a grand pole bean for home gardens and in this respect excels anything I know of. The pods are large and fill perfectly, and in the "snap" stage are deep green in color, meaty, stringless and of the finest flavor. When allowed to ripen the shell beans of pure white are most excellent for winter use. Seed small, oval, white in color.	.10	.25	.45	.80
64 <b>KENTUCKY WONDER WAX.</b> This is one of the earliest of the wax podded sorts, and similar to the green podded Kentucky Wonder, but the pods are broader. The pods are very long, handsome light yellow, often over 8 inches long, very fleshy, brittle but stringy. Seed medium sized, oval, flattened, very irregular, usually somewhat shriveled, dark brown.	.10	.25	.45	.80
65 <b>HORTICULTURAL POLE.</b>	.10	.25	.45	.80
70 <b>LAZY WIFE'S POLE BEANS.</b>	.10	.25	.45	.80
69 <b>RED SPECKLED CUT-SHORT.</b>	.10	.25	.45	.80
All above Beans of one variety, 5 lbs. \$1.75; 10 lbs. \$3.25; 15 lbs. \$4.50.				

Buchanan's Twenty-Five Vegetable Collections Thru  
This Catalogue Save You Money





## Buchanan's Pole and Dwarf Lima Beans

**CULTURE.**—One quart will plant about 150 hills. Pole Limas require warm, rich, loamy soil. Plant when the soil has become well warmed through in the spring as the seed will rot in cold, soggy soil. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans around each pole 2 inches deep and thin out to three plants to the pole. Cultivate frequently but shallow and use a top dressing of good commercial fertilizer or poultry manure, working same well into the soil.

All Prices on this Page Post Paid

	Pkt.	½ Lb.	1 Lb.	2 Lb.
<b>77 BUCHANAN'S POLE BUTTER BEAN.</b> This is an improved strain of the small type regular Butter Bean. Both pods and beans are larger than Sieva, in fact they are very near as large as Large White Lima, and are wonderfully productive; vines always loaded with delicious, tender beans, and cook soft as butter . . . . .	10	.25	.45	.80
<b>78 CAROLINA SIEVA OR SMALL LIMA.</b> This is the true Butter Bean. The seed beans are very small and white. The plants are of large growth, very early, vigorous and productive, and will stand more heat and drouth than any other of the Limas, and are one of the best for planting in the South . . . . .	10	.25	.45	.80
<b>79 CALICO LIMA (Pole).</b> The most wonderful producer in the world. The beans are all colors, blotched, blue and red mottled; medium in size and superb in quality. This is an old garden variety that was lost track of for some time, but we have been fortunate in having a nice stock grown the past season. Don't miss Calico Beans when making up your order . . . . .	10	.25	.45	.80
<b>80 BUCHANAN'S MONSTROUS LIMA.</b> The pods of this variety are very large, often measuring 8 inches long and containing seven beans of the most excellent quality, and bearing about the same time as the Large Lima, and the vines are vigorous and strong-growing and are exceptionally productive. The seed are very large . . . . .	10	.25	.45	.80
<b>74 EARLY JERSEY.</b> About a week earlier than Large White Lima, with pods, and beans somewhat smaller . . . . .	10	.25	.45	.80
<b>75 LARGE WHITE LIMA.</b> This well known variety is one of the best of the larger varieties for planting in the South . . . . .	10	.25	.45	.80
<b>76 KING OF THE GARDEN.</b> An improved strain of the Large White Lima. The pods are about an inch longer, proportionately wider, and uniformly 4-seeded . . . . .	10	.25	.45	.80

### Dwarf or Bush Varieties

**CULTURE**—One quart will plant 100 feet of row, or 3 pecks to the acre. Bush Limas require the same cultivation as stated above for Pole Limas, except that the rows should be 2 feet apart and 6 inches of space between each plant in the row

<b>49 HENDERSON'S BUSH.</b> One of the most valuable of the bush varieties owing to its extreme earliness, hardiness and productiveness. The plants are without runners but continue to grow and set until stopped by frost. The leaves are small and very dark green. The pods are small, about 3 inches long, containing 3 to 4 beans, which are of excellent quality, either green shelled or dry. This variety is much in favor with the canners and none better for the home garden . . . . .	10	.25	.45	.80
<b>50 BUCHANAN'S BUSH BUTTER BEAN.</b> This variety is very similar to Henderson's Bush, being quite similar in character and habit of growth, though the beans are somewhat larger and thicker. Pods are ready for use a week earlier than Burpee's Bush Lima . . . . .	10	.25	.45	.80
<b>48 FORDHOOK BUSH.</b> This is the only variety with a stiff, erect bush form habit, branching freely, but branches of upright growth. The pods are produced in large clusters, medium green, about 5 inches long and each containing 4 to 5 large beans of the finest quality . . . . .	10	.30	.55	1.00
<b>46 BURPEE'S IMPROVED BUSH.</b> This is one of the earliest of the large seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long . . . . .	10	.25	.45	.80

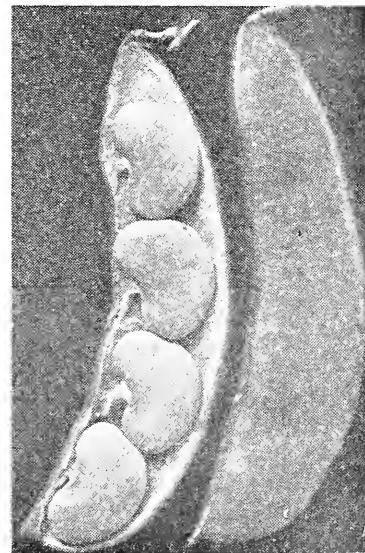
All above Beans of one variety, 5 lbs. \$1.75; 10 lbs. \$3.25; 15 lbs. \$4.50.



Buchanan's Pole Butter Beans

**Buchanan's  
Bean Collections  
Save Money**

See Page 7



Buchanan's Bush Butter Beans

All Seeds listed on this page are delivered transportation paid in the U. S. or possessions.



R.B. BUCHANAN SEED CO.

MEMPHIS, TENNESSEE.

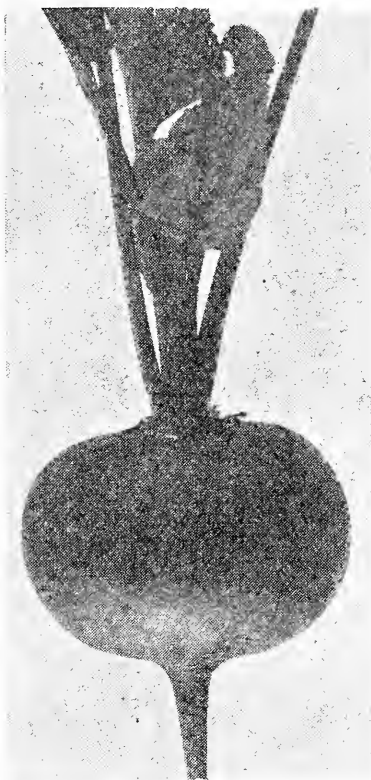
BUCK BRAND TESTED SEEDS



## Garden Beets, Sugar Beets, Stock Beets

One ounce will sow 50 feet of drill.

**CULTURE.**—Sow as early in the Spring as the ground can be worked, and every two weeks after for a succession up to the first of July. Sow in rows from 1 foot to 15 inches apart, and when well up, thin to from 4 to 6 inches. About 6 lbs. of seed to the acre for garden or stock feed. If you are growing for sugar then about 2 pounds of seed to the acre. For general crop, sow about March 15 to May 15. The soil best adapted for beet culture is a light, sandy loam, must be well enriched with stable manure and plowed and harrowed until very fine. Young beet plants make a fine quality of "greens" and are superior to spinach and turnips for this purpose. The consumption of beets increases every year. We offer carefully selected and most popular varieties.



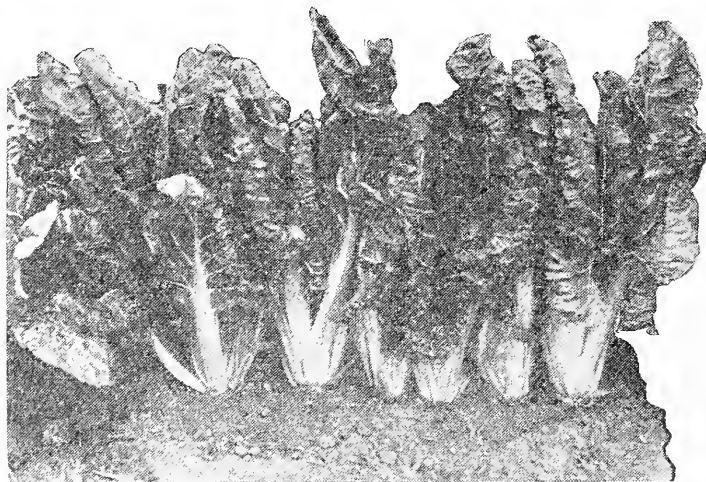
### (18) Buchanan's Beet Collections Save Money

Buchanan's Market Gardener for first crop.

Early Blood Turnip, mid-season.

Detroit Dark Red, late.

Price Coll. of 3 pkts. 25c.,  
1 oz. each 40c.



Swiss Chard, or Sea Kale

### All Prices on this Page Post Paid

	Pkt.	1 Oz.	1/4 Lb.	1 Lb.
17 BUCHANAN'S MARKET GARDENER BEET. Our gardeners' favorite owing to its extreme earliness and uniformity in both shape and color. It is without a doubt the best beet for the home garden, or for canning. The tops are small and upright in growth. The leaves are dark green, shaded red. The roots are medium size, globular, very smooth and of dark blood red color, while the flesh is a deep vermilion red zoned with lighter shade. It is unsurpassed in quality	10	.20	.45	1.50
19 BUCHANAN'S CRIMSON GLOBE. A rich, deep crimson beet of perfect globe-shape, smooth and clean. Matures very early, is of a most attractive appearance, and in quality is not surpassed by any other variety. We recommend it not only for market gardeners and truckers, but for the home garden as well	10	.15	.35	1.15
21 EARLY BLOOD TURNIP. An extra selected, smooth, dark red beet of uniform size and first-class quality. One of the best for main crop, also for sowing in May or June to make late beets for storing for winter	10	.15	.35	1.15
20 EXTRA EARLY EGYPTIAN. One of the very earliest, with small tops and best for forcing or early outdoor planting. Roots distinctly flat and moderately thick, very dark red; flesh dark purplish red, zoned a lighter shade	10	.15	.35	1.15
24 CROSBY'S IMPROVED EGYPTIAN. More largely planted for early market than any other kind, and has proved a most profitable and satisfactory crop, particularly with our truckers and large shippers	10	.15	.35	1.15
22 EXTRA EARLY ECLIPSE. A very early beet, making handsome, smooth, round roots with small top and small tap-root, and nearly as early as the Egyptian. Color, bright red; flesh fine grained, sweet and tender	10	.15	.35	1.15
25 LONG SMOOTH BLOOD. Recommended for late sowing to make a crop to put away for Winter. A fine keeper, remaining sweet and tender until Spring	10	.15	.35	1.15
23 DETROIT DARK RED TURNIP. Round; skin dark blood red, flesh bright red	10	.15	.35	1.15

### Mangel Wurzel

**CULTURE**—One ounce will sow 50 feet of drill; 6 pounds for an acre.

30 MAMMOTH LONG RED. The largest stock beet, yields 40 to 50 tons to the acre	10	.15	.25	.75
29 GOLDEN TANKARD. The tops are comparatively small, with the one-leaf stalk and veins distinctly tinged with yellow	10	.15	.25	.75
35 LANE'S IMPERIAL	10	.15	.25	.75
36 KLEIN WANZLEBEN	10	.15	.25	.75

### Swiss Chard

One ounce will sow 100 feet of row.

#### Silver Beet, or Cut and Come Again Spinach

**CULTURE**—Grown for its leaves only; one of the best early Greens. Cook the leaves as you do spinach and the stems in cream as asparagus. Leaves grow to enormous size, 20 inches to 2 feet in length. The plant is almost perpetual if kept trimmed, but it is better to have a new crop every year.

26 SWISS CHARD (Silver or Sea Kale). Its yellowish-green, large leaves are used as greens and the middle leaf-rib served like asparagus	10	.15	.25	.75
27 SWISS CHARD (Lucullus). An improved type of Chard. Of more upright growth than the Silver variety; leaves yellowish-green, much crumpled and curled; mid-rib and veins white; stalks thick, broad and flat, and as large as rhubarb	10	.15	.25	.75

**R.B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

## Buchanan's American Grown Cabbage Seed

**CULTURE**—One ounce will produce 3,000 plants. For early use the seed should be started in the house or hotbed January or February. When the young plants are well started, transplant so as to stand 3 inches apart each way. About the end of March they may be transplanted into the garden in rows 3 feet apart, setting the plants 18 inches apart each way. For late use, sow the seed about the middle of May, or sowings can be made up to July 10, in a finely prepared seed bed, later transplanting to rows 3 feet apart, setting the plants 2½ feet apart. Protect against ravages of insects as follows: For cut worms, use Slug Shot; for lice, Tobacco Dust; for cabbage beetle and green aphids, use Black Leaf 40, Nicotine Sulphate or Tobacco Dust.

### Buchanan's Frost-Proof Cabbage Plants Page 3

All Prices on This Page Post Paid.

#### Early Varieties

**86—EARLY JERSEY WAKEFIELD**—A leading variety and one of the best for private or market gardeners' use; conical shape. Pkt. 10c; 1 oz. 35c; 2 oz. 65c; ¼ lb. 90c; 1 lb. \$2.75.

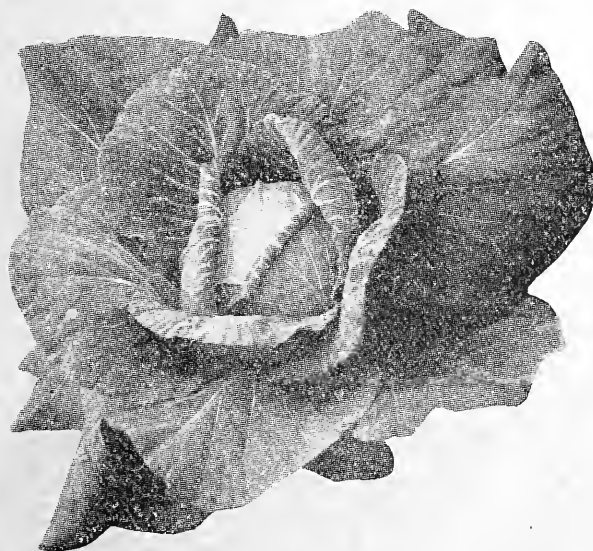
**102—EXTRA EARLY EUREKA CABBAGE**—This is a valuable extra early variety, coming into use as early as Wakefield. The heads are round, slightly flattened and very solid. Fine market gardener's stock. Pkt., 10c, 1 oz., 40c; 2 oz., 75c; ¼ lb., \$1.00; 1 lb., \$3.50.

**87—CHARLESTON LARGE WAKEFIELD**—This is a few days later than the Early Jersey Wakefield, but makes a larger and firmer head. We strongly recommend it as the best main crop early cabbage grown, for the home garden and market. Our seed of this is grown from a specially selected stock. Pkt., 10c; 1 oz., 35c; 2 oz., 65c; ¼ lb., 90c; 1 lb., \$2.75.

**90—EARLY SPRING**—The earliest flat headed variety. The plants are vigorous, very compact, with few outer leaves and a short stem. The leaves are nearly round, broad, smooth and of distinctive light green color, almost without bloom. The heads are broad, round, slightly flattened. Pkt., 10c; 1 oz., 35c; 2 oz., 65c; ¼ lb., 90c; 1 lb., \$2.75.

**94—COPENHAGEN MARKET**—The earliest,\* large, round-headed cabbage yet introduced. The heads are round, very solid and exceptionally good quality. Pkt., 10c; 1 oz., 40c; 2 oz., 75c; ¼ lb., \$1.00; 1 lb., \$3.50.

Extra Early Eureka



The Finest Cabbage Ever Introduced.



Early Jersey Wakefield

**Buchanan's  
Cabbage Collections  
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SEE PAGE 12



Charleston Large Wakefield

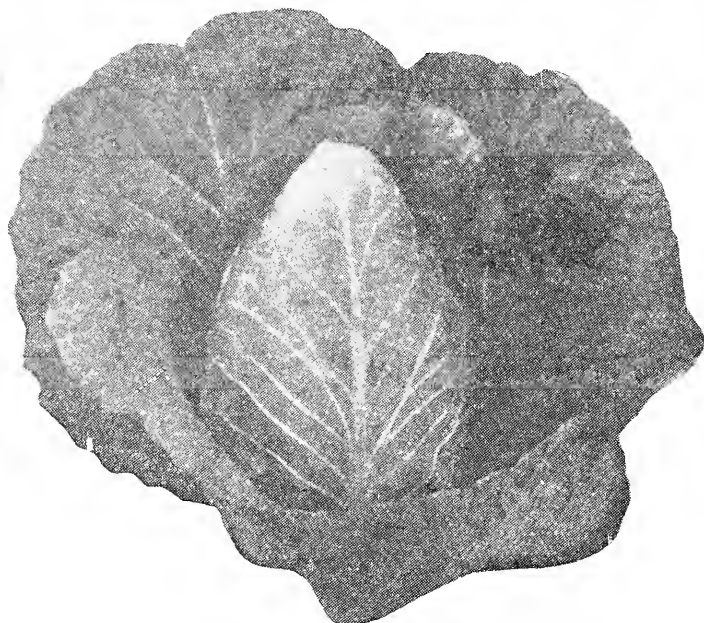




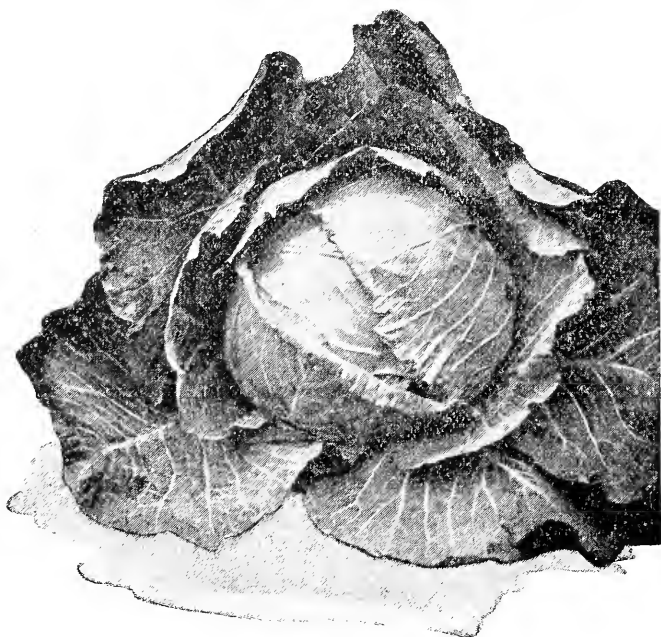
## Buchanan's Cabbage and Collards

All Prices on This Page Post Paid.

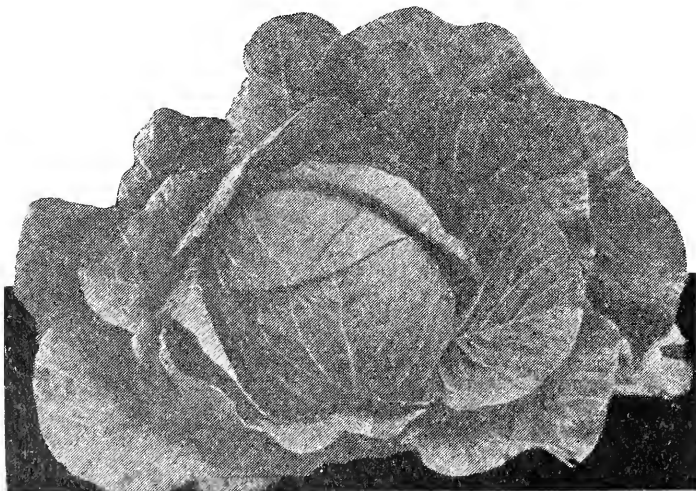
### Second Early Varieties



Early Winningstadt



Early Flat Dutch



Succession

98—**ALL HEAD EARLY**—The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having a few outer leaves; can be planted as close as the Wakefield. Pkt., 10c; 1 oz., 40c; 2 oz., 70c; 1/4 lb., \$1.00; 1 lb., \$2.25.

96—**SOLID SOUTH**—A magnificent cabbage, resembling the Early Summer, but is earlier, larger, more uniform, has fewer outside leaves. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

89—**EARLY WINNINGSTADT**—Conical shape; quality very good. This variety is especially adapted for light soils, where it does better than other sorts. Pkt., 10c; 1 oz., 35c; 2 oz., 60c; 1/4 lb., 90c; 1 lb., \$2.50.

99—**EARLY DRUMHEAD**—A second early, large, round, solid-heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.25.

101—**EARLY FLAT DUTCH**—This is a grand second early cabbage, of large size and A No. 1 quality. Larger than Early Summer. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

95—**EARLY SUMMER**—A second early cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

85—**ALL SEASONS**—An early Drumhead cabbage, yielding heads of the largest size. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

91—**SUCCESSION**—Long a favorite with Southern market gardeners and shippers. A good second early, following in maturity varieties like our All Head Early and Sure Crop, and is a splendid general purpose cabbage for both spring and fall planting. Medium to large size, solid and a reliable header. One of our biggest sellers. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

### (84) Buchanan's Cabbage Collections Save Money

Jersey Wakefield.....For 1st Crop  
Succession ..... for 2nd Crop  
Late Drumhead .....For Late Crop

Price—Collection, 3 pkts..... 25c

Price—Collection, 3—1/2 ozs..... 50c





## Buchanan's Cabbage and Collards

All Prices on This Page Post Paid.

### Late or Winter Varieties

97—**SUREHEAD**—This variety produces large heads, weighing 15 to 20 pounds. The quality is good, and it can be grown either as a second early or late sort. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

93—**IMPROVED LARGE LATE FLAT DUTCH**—Heads large, bluish green, round, solid and broad on top, more extensively planted than any other variety. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 75c; 1 lb., \$2.50.

92—**IMPROVED LARGE LATE DRUMHEAD**—We recommend this for late market. For heading, evenness of crop and size, our strain of this cannot be surpassed. Pkt., 10c; 1 oz., 25c; 2 oz., 45c; 1/4 lb., 75c; 1 lb., \$2.50.

100—**DRUMHEAD SAVOY**—This is undoubtedly the finest type of Winter Cabbage. After having been frosted it boils like marrow, and is not surpassed even by the cauliflower in its best condition. Pkt., 10c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 80c; 1 lb., \$2.75.

88—**MAMMOTH RED ROCK**—This is the largest variety of Red Cabbage and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and matures at a late season. It is the best and most attractive Red Cabbage grown. Pkt., 10c; 1 oz., 35c; 1/4 lb., \$1.00; 1 lb., \$3.25.

### Celery Cabbage

83—**CELERY CABBAGE**—Chinese or Pe-Tsai. Pkt., 10c; oz., 35c; 1/4 lb., 90c; lb., \$3.00.

### Southern Collards

**CULTURE**—One ounce will produce about 1,500 plants, or 150 feet of row. It produces a plant bearing a mass of leaves on the top of a stout stalk, and is a species of cabbage, and the flavor is the same. It is extensively used for the table, for winter greens, throughout the South. Sow the seed thickly in drills, in rich ground, transplanting when about four inches high. In the South, seed may be sown from January to May and from August to October.

127—**GEORGIA WHITE CABBAGE**—Whiter and more tender than the Blue Stem. Introduced 15 years ago. Three-fourths of them bunch or head up in winter, weighing 10 pounds or more. Plants grow 30 to 40 inches high and as much across. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 1/4 lb., 30c; 1 lb., 90c.

126—**SOUTHERN OR BLUE STEM**—This variety is the old-time favorite. It stands all sorts of adverse conditions without injury, and will make a good crop where the soil is too poor to grow cabbage, and it makes an excellent substitute for that vegetable. Is very hardy, stands winter without serious injury. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 1/4 lb., 40c; 1 lb., 85c.

128—**NORTH CAROLINA**—A decided improvement, and has proved very popular wherever grown. Has short stem, large spreading leaves, very hardy, withstanding drouth in summer and cold in winter. Its flavor and cooking qualities are the very best. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 1/4 lb., 40c; 1 lb., 85c.

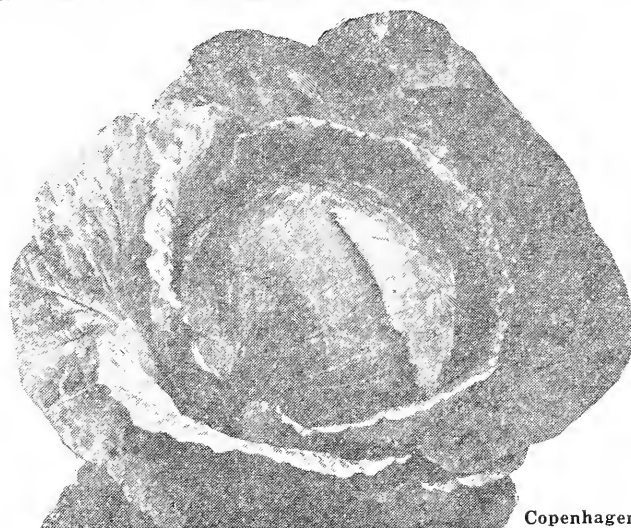
### Chicory

119—**WITLOOF-CHICORY, OR FRENCH ENDIVE**—Witloof is used principally as a winter salad, and is most delicious served with French Dressing and eaten like Cos Lettuce. The seed should be sown in the open ground and not later than June in drills 12 to 18 inches apart, and the seedlings should be planted to stand not closer than 3 inches. Pkt., 10c; 1 oz., 40c; 2 oz., 75c; 1/4 lb., \$1.25; 1 lb., \$2.50.

120—**CARDOON**—Large Spanish. Pkt., 10c.

### Buchanan's Cabbage Collection

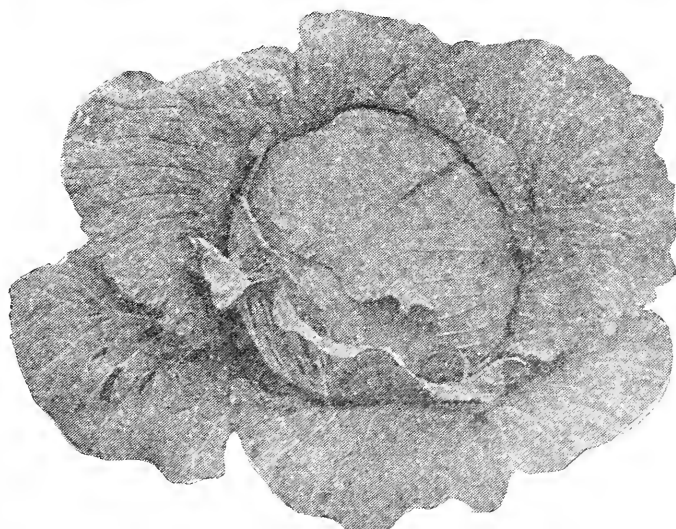
SAVE MONEY - SEE PAGE 12



Copenhagen Market



Large Late Flat Dutch

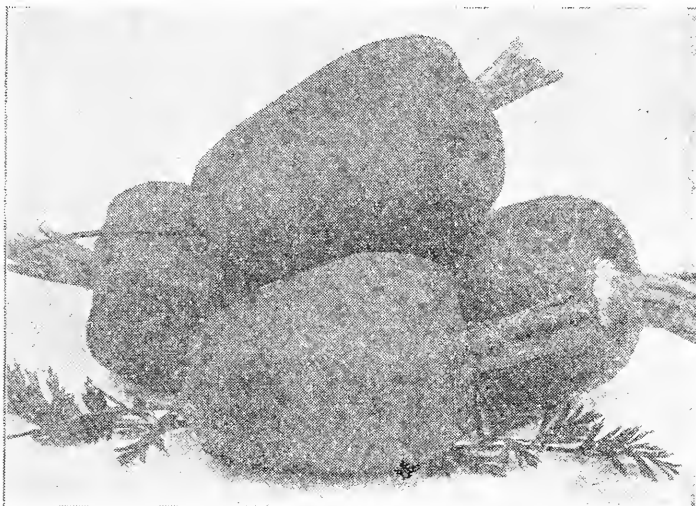


Late Drumhead

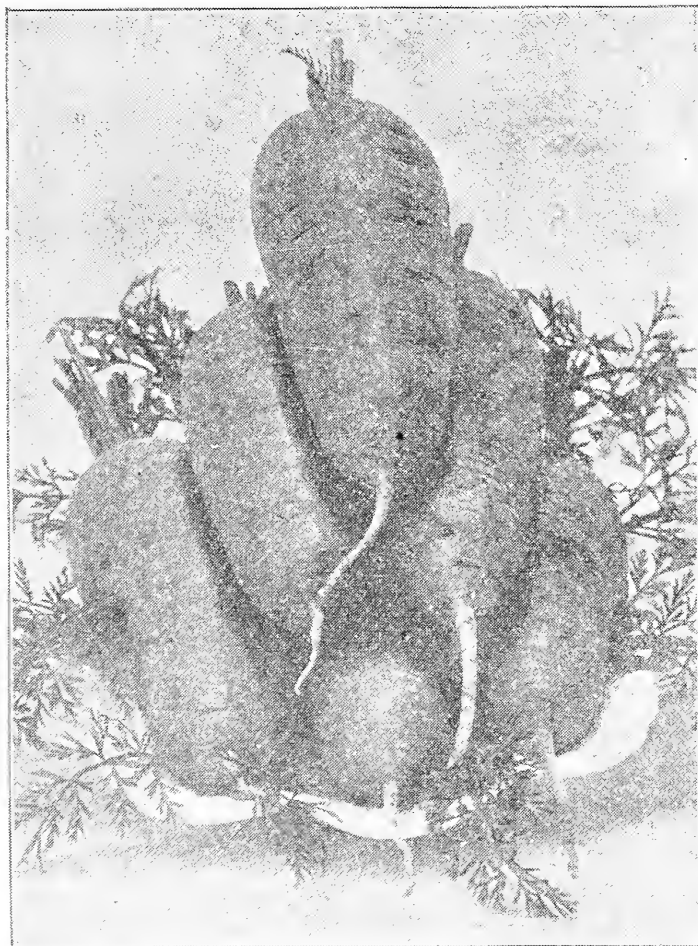


## Buchanan's Carrots, Celery and Cauliflower

BUCHANAN'S  
All Season  
Cucumber Collection  
SAVE MONEY—SEE PAGE 15



Oxheart or Guerande Carrot



Danvers Half Long Carrot

## Carrots

**CULTURE**—For main crop, sow from middle of May to the first of July. Thin out early crop to 5 inches in the row, main crop 6 to 7 inches, the rows 10 inches apart for early crop, 14 for main crop. Hoe often and deeply between the rows. Soil light and loamy, richly manured and deeply dug. Sow at the rate of 2 to 3 lbs. to the acre.

All Prices on This Page Post Paid.

**103—OXHEART OR GUERANDE**—One of the heaviest yielders and the best for stiff and heavy soils where the long varieties would fail. The roots are often 3 to 3½ inches thick at the top; nearly oval in shape; the flesh is bright orange, fine grained and sweet. Of the finest table qualities and equally good for stock. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

**105—BUCHANAN'S HALF LONG DANVERS**—One of the most productive and suits all kinds of soils. The roots are smooth and handsome, deep orange color, medium length, tapering to a blunt point. The flesh is sweet, crisp and tender. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

**106—BUCHANAN'S IMPROVED LONG ORANGE**—Especially fine on light soils, making long, smooth, tapering roots of a deep orange color, free from side roots and superior in every respect. A fine winter sort for table, market and stock. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c.

**107—LARGE WHITE BELGIAN**—Grown exclusively for stock feeding. Roots about 16 inches long and very thick, white under ground and green above; grows about one-third above ground. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 85c.

**104—SCARLET HORN, EARLY**—Very thick roots; fine for frames. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

## Celery

**121—IMPROVED WHITE PLUME**—A magnificent celery for early use, and being self-blanching, requires but little working. The stalks and leaves naturally turn white upon reaching maturity. In succulence, crispness and flavor it is all that can be desired. Pkt., 10c; 1 oz., 25c; ¼ lb., 75c.

**122—GOLDEN SELF-BLANCHING**—American grown. The best self-blanching sort, it acquires a handsome golden color without having to be hilled up, which makes a very valuable market sort. Pkt., 10c; 1 oz., 50c; ¼ lb., 1.25.

**123—GIANT PASCAL**—In the South this is more generally grown than any other late celery. For fall and early winter it is certainly one of the best. It makes large, thick, solid stalks, with a beautiful creamy-yellow heart; blanched easily and quickly; very crisp and of fine nutty flavor. Pkt., 10c; 1 oz., 20c; ¼ lb., 65c.

## Cauliflower

**CULTURE**—The same as for cabbage, except that extra manure and plenty of water will pay upon Cauliflower.

**109—EXTRA EARLY SNOWBALL**—There is no better Cauliflower for Southern growers, and our strain is as fine as can be had at any price. It is not only the earliest to head, but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. Late summer and fall crop. Price, Pkt., 20c; ½ oz., \$1.15; 1 oz., \$2.00.

PLANTS—SEE PAGE 2

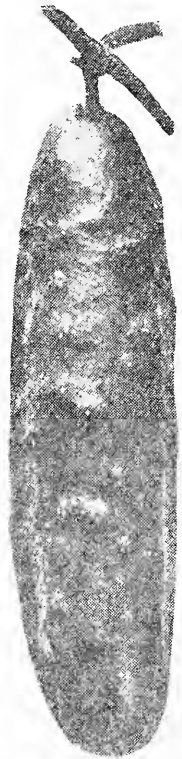
WE WILL MAIL YOU ALL THE ORDER BLANKS AND RETURN ENVELOPES YOU NEED—WRITE FOR THEM.



## Buchanan's Cucumber Seeds

CULTURE.—One ounce will plant 50 hills; 1 to 2 pounds will plant 1 acre. Cucumbers succeed best in warm, rich sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way, and when all danger of insects is past, thin out the plants, leaving 3 or 4 of the strongest to each hill.

All Prices on this Page Post Paid		Pkt.	Oz.	1/4 Lb.	1 Lb.
165	<b>BUCHANAN'S IMPROVED WHITE SPINE.</b> A grand new variety, so very superior to any other stock of White Spine as not to be classed with either in quality or price. Vine is a very strong grower; foliage broad-leaved, deep green, close-jointed, does not sunburn. Blooms early at every joint and sets fruit at every bloom. Large fruit for slicing can be gathered in eight weeks. The finest strain of White Spine in existence, as certified by hundreds of market gardeners.	10	20	.50	1.25
171	<b>NORTON'S WHITE SPINE.</b> A very fine strain of White Spine, showing evidences of its Emerald parentage in occasionally throwing a smooth, green type. Fruits very rich dark green, symmetrical, thick and nearly square-ended; plant healthy, vigorous and productive. Popular in the South as a shipping variety.	10	15	.40	1.00
161	<b>CUMBERLAND PICKLE (Large).</b> The best pickling cucumber in cultivation. For productiveness it is unequaled, and the quality of the fruit is the very best.	10	15	.40	1.00
164	<b>BUCHANAN'S EARLY FORTUNE.</b> The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seed; color rich, dark green, which does not fade when shipped a long distance.	10	20	.50	1.25
163	<b>EARLY GREEN CLUSTER.</b> Very early variety, bearing in clusters of two and three. If kept gathered from the vines it will continue to set fruit through a long season. This is a splendid variety for pickling.	10	15	.40	1.00
166	<b>IMPROVED LONG GREEN.</b> An old-time favorite in the South; fruits extra long and of good size, holding their dark green color until well matured. Crisp, tender and free from bitterness; fine for slicing. When 3 to 4 inches long they make an especially fine pickling cucumber. Good for planting at all seasons from early spring to late summer.	10	15	.40	1.00
170	<b>EVERBEARING.</b> A productive, main crop variety, quite similar in appearance to Early Frame, though fruit is not thick; a fair pickler.	10	15	.40	1.00
167	<b>GHERKIN, OR BURR.</b> A small oval-shaped, prickly variety, used exclusively for pickles, for which it is very desirable.	10	20	.50	1.25
162	<b>DAVIS PERFECT.</b> A sure money maker for those engaged in growing cucumbers. Grows under glass as well as out of doors. It is seedless almost one-third the length from the stems. It is a rich dark green and holds its color until nearly ripe. The flesh is of excellent flavor; white, clear, crisp.	10	20	.50	1.15
168	<b>JAPANESE CLIMBING.</b> A distinct climbing sort for covering fences or trellises; fruit 10 inches long, thick, crisp and fine quality; color dark green.	10	20	.50	1.25
169	<b>BUCK BRAND MIXED CUCUMBERS.</b> A mixture of all varieties, to give you both eating and pickling cucumbers with one planting.	10	15	.40	1.00



Cumberland Pickle



Japanese Climbing



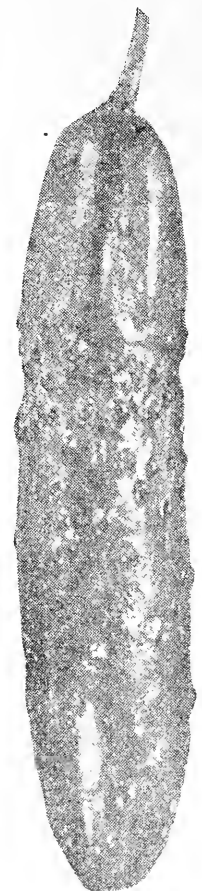
Buchanan's Improved White Spine Cucumbers

### 172 CUCUMBER

#### All Season Collection

Buchanan's Improved White Spine  
Cumberland Pickle.  
Improved Long Green.

Price Coll. 3 pkts.  
25c, 1 oz. each 60c.



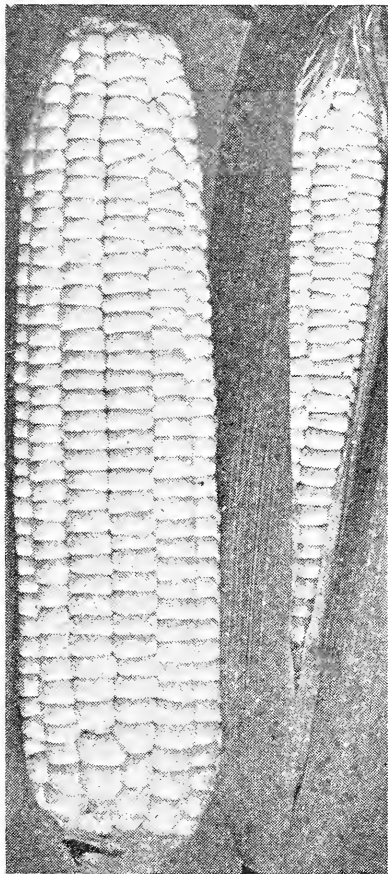
Long Green





## Corn—Sugar Sweet and Roasting Ear

**CULTURE.**—One quart will plant 200 hills; 8 quarts will plant one acre. Sweet Corn varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, about the middle of March, in rows 3 feet apart, making the hills about 1 foot apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows.



Buchanan's Large Adams

**BUCHANAN'S  
SWEET CORN COLLECTIONS**

Save Money—See Page 17

All Prices on this Page Post Paid

Pkt.	1/2 Lb.	1 Lb.	2 Lb.
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### Extra Early Varieties

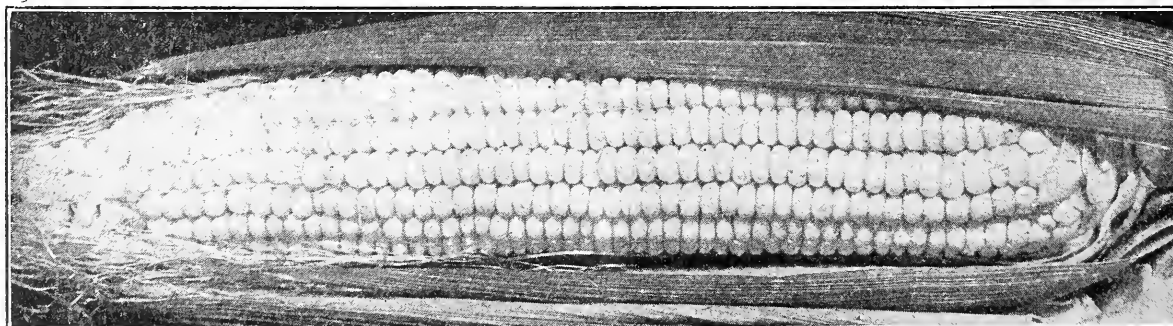
- |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |     |     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| 135 | <b>EXTRA EARLY ADAMS (Sweet).</b> Owing to its extreme earliness it is used for a first early table corn in the South. The stalks are about 4 feet high, with small tassel, very few leaves, and without suckers. The ears are short, very full, 12 or 14-rowed, often nearly as thick as they are long and well covered with coarse husks. The kernels are white and smooth. This is an extremely hardy variety which can be grown closer together than most sorts.                                                                                                                | .10 | .15 | .25 | .45 |
| 134 | <b>GOLDEN BANTAM (Sugar).</b> The sweetest and most delicious extra early corn for the home garden. Extremely early and very productive. The stalks grow only 5 feet in height and, where space is limited, the hills can be as close as 2 1/2 feet apart. Each stalk bears two or three well-filled ears, 6 to 7 inches in length. The kernels are of a beautiful yellow color, very milky, tender and sweet. Golden Bantam combines all the best qualities desired in Sweet Corn. We recommend it most highly for every garden, especially the small ones where space is limited. | .10 | .20 | .35 | .65 |

### Medium Early Varieties

- |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |     |     |     |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| 136 | <b>ADAMS EARLY LARGE (Sweet).</b> One of our leading varieties. Matures about two weeks later than the Extra Early Adams, but ears are larger and handsomer. The stalks are vigorous, averaging seven feet in height, and well bladed. This and the Adams Extra Early are very hardy and can be planted earlier than sweet corns. Has small stalk and can be planted close. More valuable for the market than for home gardens, as this as well as Adams Extra Early, lacks fineness of flavor found in sweet varieties.                                                                                                                                                                                                                                       | .10 | .15 | .25 | .45 |
| 137 | <b>TRUCKER'S FAVORITE (Sweet).</b> For a second early, to follow Early Adams, this is unquestionably one of the best; or for planting late to mature quickly it is equally valuable. It is a white corn, with good depth of grain, tender and sweet, and a most desirable size for roasting ears. Besides being a fine garden corn, it is a splendid field corn to follow potatoes and other early crops. The ears are large and well filled. A big advantage in growing Trucker's Favorite is that should you not use it all for roasting ears it will make large ears for making meal or feeding. It makes the largest ear of any early garden corn, averaging over 8 inches long. A fine combination of earliness and size; hardy and can be planted early. | .10 | .15 | .25 | .50 |
| 139 | <b>EARLY MINNESOTA (Sweet)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | .10 | .15 | .25 | .50 |
| 142 | <b>BLACK MEXICAN (Sugar)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | .10 | .25 | .40 | .70 |

## Buchanan's Early Surprise Roasting Ear Corn

- |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |     |     |     |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| 141 | <b>EARLY SURPRISE.</b> A wonderful roasting ear corn, especially bred for market gardeners' use; when planted at the same time as Large Adams it is ready for use just when the Large Adams is giving out; it is the best corn to use for succession plantings all through the season. In eating, this corn is slightly sweet, resembling sugar corn in taste. One of our market gardener customers produced three crops of roasting ears on the same ground this past season with this wonderful corn. Average height of stalk about 6 feet, the ear is thick, well grained to the end of the cob, rows of grain straight and uniform. When cut green for market the ears average from 12 to 14 inches in length, sell quicker and command a much better price than corns of the Adams type. It is very productive, producing two and often three good ears to the stalk. Being hardy, can be planted at same time as Adams Early, as it will stand much cold and wet weather. | .10 | .15 | .25 | .50 |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|



Buchanan's Early Surprise Roasting Ear Corn

**SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY**

The sooner your order arrives the better the attention we can give to it.

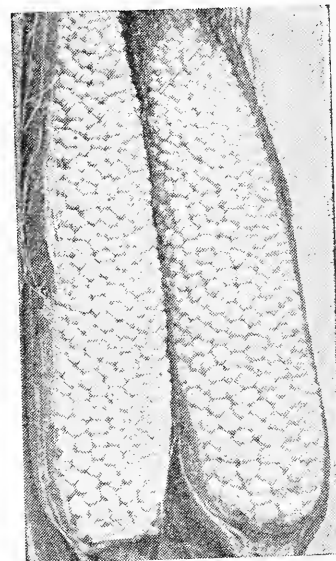


## Buchanan's Late, or Main Crop Varieties Garden Corn

All Prices on this Page Post Paid

- 138 **STOWELL'S EVERGREEN (SUGAR).** The standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best known of all late sorts. The ears about 7 to 8 inches long, 14 to 20-rowed, with very white grain. The stalks are about 7½ feet high.
- 140 **COUNTRY GENTLEMAN (SUGAR).** One of the best known of the mid-season varieties. It is the old shoe-peg type of kernel, pure white, very sweet and tender. It is a good yielder, producing 2 to 3 good sized ears to the stalk. The cob is small and densely covered with irregular rows of very long, slender, white grains of excellent quality. Do not fail to plant some of this variety in your garden this year.

Pkt.	½ Lb.	1 Lb.	2 Lb.
10	.20	.30	.55
10	.20	.30	.55
10	.20	.30	.55
10	.20	.30	.55



Country Gentleman

## Pop Corn

- 31 **POP CORN (Japanese Rice)**
- 32 **POP CORN (White Rice)**
- 33 **POP CORN (Golden Queen)**

## Chervil

The seed is slow to germinate, sometimes remaining in the earth four or five weeks before the plants appear. When the plants are about 2 inches high transplant or thin to about a foot apart. They are ready for use in six to ten weeks from sowing.

- 118 **CURLED.** This very finely curled, double sort, is much superior to the plain variety, being early maturing, handsomer and having fully as fine fragrance and flavor. Pkt. 10c; Oz. 15c; ¼ Lb. 50c

## Cress

- 117 **TRUE WATER CRESS.** Sow in the spring along the edges of creeks or ponds. Only one sowing is necessary, as it increases rapidly. It not only makes a desirable and attractive plant for creeks or ponds, but purifies the water. Is also developing into quite a profitable industry for shipment to our large markets. Pkt. 10c; oz. 40c; ¼ lb. \$1.25
- 116 **CURLED OR PEPPER GRASS (Upland).** Pkt. 10c; oz. 15c; ¼ lb. 40c

## Endive

**CULTURE**—One ounce will sow 300 feet of row. Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use and, for late use, in August and September. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart.

- 175 **LARGE GREEN CURLED.** Pkt. 10c; oz. 20c; ¼ lb. 50c
- 173 **GIANT FRINGED OR OYSTER.** Pkt. 10c; oz. 15c; ¼ lb. 50c

## Egg Plant

**CULTURE**—Sow in hotbeds very early in spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart. Do not plant out until weather is perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Set out plants 3 feet by 2.

- 182 **IMPROVED NEW YORK SPINELESS.** Pkt. 10c; oz. 40c; ¼ lb. \$1.25
- 183 **BLACK BEAUTY.** Pkt. 10c; oz. 40c; ¼ lb. \$1.25

FOR EGG PLANTS SEE PAGE 2.

## Kohl-Rabi

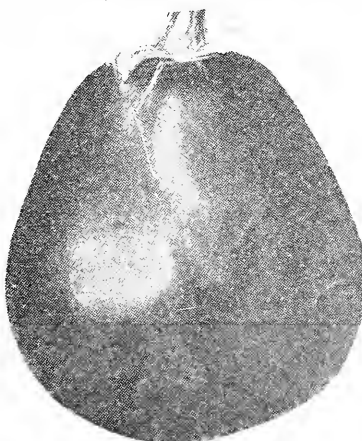
One ounce will produce 2,000 plants. Sow in March and April, in drills, thinning plants to six inches.

- 178 **WHITE VIENNA.** This is the best and earliest variety for table use. Pkt. 10c; oz. 20c; ¼ lb. 65c

## Leek

One ounce will sow about 100 feet of drill. Sow early in spring, thin to six inches apart; make rows wide enough to cultivate.

- 180 **AMERICAN FLAG—IMP. LONDON FLAG.** Pkt. 10c; oz. 25c; ¼ lb. 65c



Black Beauty Egg Plant

## Sweet Corn

## The Continuity Coll. of Five Varieties

These collections are made up of 5 varieties to supply the home table continuously throughout the season with tender, milky and delicious Sweet Corn. They are listed so as to indicate their respective seasons of maturing. The selection is made primarily for quality and may be perfectly relied on not only in this respect, but also as regards its continuity. *Seeds of the entire collection should be planted at one time, otherwise the succession will be broken.* These collections are put up in three sizes—packet, pounds and 2 pounds, and will be found of great convenience, especially to those unfamiliar with varieties.

**Golden Bantam** . . . . . For Extra Early  
**Large Adams** . . . . . For Early  
**Early Surprise** . . . . . For Medium Early  
**Country Gentleman** . . . . . For Midseason  
**Stowell's Evergreen** . . . . . For Late

## Prices of the "Continuity" Collection of Sweet Corn

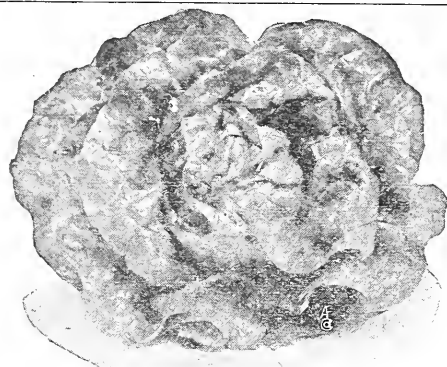
- 1 Pkt. each of 5 varieties (sufficient for 125 hills) . . . . . \$ .40
- 1 Pound each of 5 varieties (sufficient for 500 hills) . . . . . 1.50
- 2 Pounds each of 5 varieties (sufficient for 1000 hills) . . . . . 2.75



## Buchanan's Lettuce Seed

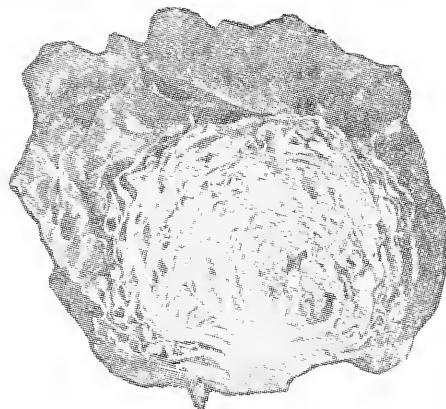
**CULTURE**—For quality lettuce requires quick growth; that means rich soil, plenty of water and clean and thorough cultivation to have crisp and tender heads. Make your first plantings in boxes or hot-beds and harden by exposure; later plant outside and transplant 8 to 12 inches apart in 18-inch rows. Sowings may also be made where the plants are to grow, and thinned out. The curled varieties sown thickly make a beautiful border, the rows being thinned out by pulling for use as wanted. For a constant supply plant every three weeks—lettuce may be had all seasons of the year. For fall use plant in July and August; plant the hardy kinds in September, protect with straw or litter, and they will head up in the spring; or transplant under canvas or glass to head up in the winter. An ounce will produce about 1,500 plants; 2 pounds will make plants enough for an acre.

Those marked (L.L.) are loose leaf varieties, and those marked (H) are heading varieties.

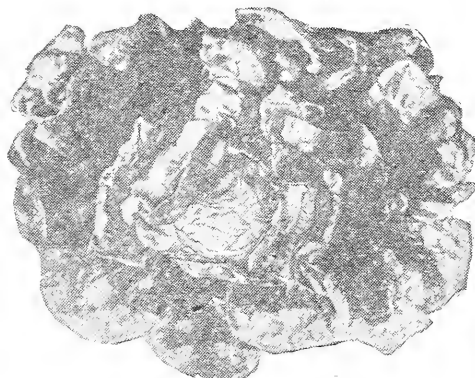


Big Boston

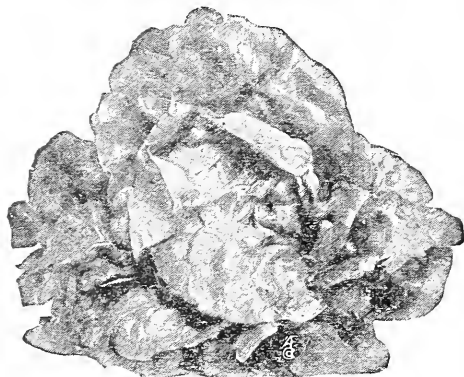
194. LETTUCE COLLECTION. 1 Pkt. each, 4 varieties shown by cuts—40c for 30c Postpaid.



Early White Cabbage



Grand Rapids



Iceberg

## All Prices on this Page Post Paid

	Pkt.	1 Oz.	1/4 Lb.	1 Lb.
196 <b>BIG BOSTON (H).</b> This marked variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frame. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, thin, very hard and crisp. In color they are bright light green, the heads slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged light yellow. It heads up under cold weather conditions better than any other variety, and is grown very extensively in the South for shipment North in the winter.....	.10	.20	.50	1.75
205 <b>WONDERFUL (H).</b> Immense heads, solid as a cabbage; blanches beautifully; crisp, tender and free from bitterness. It produces immense heads, often 15 and 16 inches across, and weighing enormously. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under the most trying conditions..	.10	.25	.60	2.00
198 <b>EARLY WHITE CABBAGE (H).</b> A desirable variety for summer or fall, forming large, compact and beautiful heads. Color light green, stands heat and drouth remarkably well, very highly recommended. Undoubtedly the best summer variety; the heads will frequently weigh from 2 to 3 pounds each..	.10	.20	.50	1.75
195 <b>WAYAHEAD LETTUCE (H).</b> Shows a remarkable combination of earliness, firm heading character, a handsome and fine quality. Both in cold frames early in spring and in the open ground in spring, summer and early fall months it has proved to be not only the very earliest but surest heading of all early lettuces grown.....	.10	.20	.50	1.75
204 <b>EARLY CURLED SIMPSON (L.L.)</b> A leading early, loose-heading variety of fairly large size; leaves broad, crumpled and well frilled at the edges; color light green; quality good.....	.10	.20	.50	1.75
207 <b>ICEBERG (H).</b> A large, late, crisp cabbage-heading variety; heads very firm, hard and well blanched; leaves unusually broad and quite blistered and crumpled; borders finely frilled; color, medium green with faint brown tracing on the border; quality good.....	.10	.20	.50	1.75
208 <b>MIGNONETTE (H).</b> A small, early, crisp and curled cabbage heading variety; plant compact, forming a hard, globular, well-balanced head; leaves broad, excessively blistered, crumpled and twisted; color, medium dark brown with a dark greenish tinge; quality good.....	.10	.20	.50	1.75
202 <b>GRAND RAPIDS (L.L.)</b> This is probably the best of the loose-leaved varieties. It forms no head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittle character. In this respect it excels many of the best heading varieties. Moreover, the flavor even of the outside leaves is fully equal to that of the heart leaves of any heading varieties	.10	.25	.60	2.00
203 <b>PARIS WHITE COS (L.L.)</b> Has long, smooth, narrow, upright leaves, and blanches nicely when tied up; color, medium green; quality fine.....	.10	.25	.60	2.00
197 <b>CALIFORNIA CREAM BUTTER (H).</b> Plant compact, heads large, globular and very firm; leaves broad, blistered and crumpled and very thick.....	.10	.20	.50	1.75
201 <b>MAMMOTH BLACK SEEDS BUTTER (H).</b> (Tennisball). A very reliable, adaptable, sure heading sort.....	.10	.20	.50	1.75

Buchanan's 10c Packets contain twice as much seed as many 5c Packets and some of them 3 and 4 times as much.

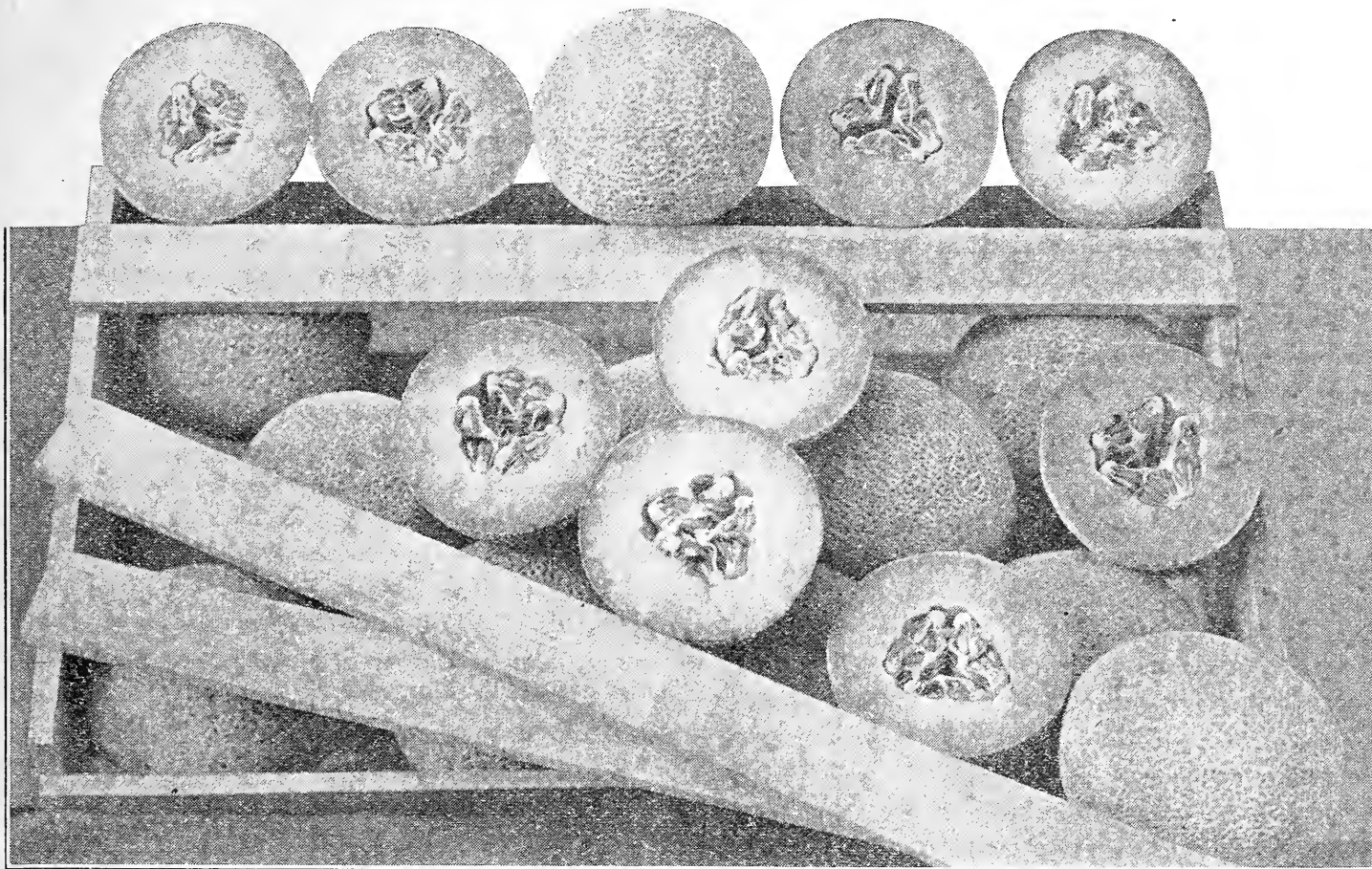


**R.B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

## Buchanan's Muskmelon or Cantaloupe Seed

**CULTURE**—Melons thrive best in light, rich soil. Plant just as soon as the ground is warm, in hills 4 to 6 feet apart, according to the variety; in each hill apply a shovelful of well-rotted manure, or a handful of commercial fertilizer, well mixed with the soil. Plant about 12 seeds to each hill, covering with about 1 inch of fine soil firmly pressed down. When the plants are pretty well developed, keep the hoe and cultivator going. Gradually thin out to two plants to the hill. When the vines begin to run freely, stop cultivation, except after a heavy rain. A few hills for early use may be had by sowing in the dirt bands in the hot-bed, and when warm enough transplant to open grounds. Melon vines are subject to the same destructive insects and fungus foes as are cucumber and squash vines. Early and repeated spraying with Pyrox, Hall's Nicotine, Arsenate of Lead, Black Leaf 40, Bordeaux Mixture, or any other good spray material will help wonderfully. See page 83 for our assortment of insecticides. Use a packet to about 15 hills; 1 oz. to 60 hills; 2 to 3 lbs. to the acre.

All Prices on This Page Post Paid.



### Buchanan's New Salmon-Fleshed Rocky Ford Cantaloupes

This new melon continues to enjoy the popularity for both the home garden and marketing that it did when we first introduced it three years ago.

**209—BUCHANAN'S NEW ROCKY FORD (Salmon Fleshed)**—It is more rounded, the rib less prominent and the outer surface of the fruit more densely covered with delicate lace-like netting than the green fleshed variety. The flesh is salmon (often called pink meat), very small seed cavity (see cut above), beautiful in appearance, and fine flavor. This melon has become a favorite with both my market gardeners and home gardeners. They sell readily on the market at much higher prices than the original green fleshed variety.

**Pkt., 15c; 1 oz., 25c; 2 oz., 40c; 1/4 lb., 50c; 1 lb., \$1.75; 5 lbs., \$7.50; 10 lbs., \$12.50**

### 210—Buchanan's Big Four Cantaloupe Collection

Buchanan's Osage, Salmon-Fleshed, Rocky Ford, Green-Fleshed; Buck Brand (Surprise), Yellow-Fleshed, Burrell's Gem, Pink-Fleshed.

Price, collection of 4 packets..... 30c

One ounce each 4 varieties..... 50c

**Buchanan's 10c Packets Contain Twice as Much Seed as Many 5c Packets and Some of Them 3 and 4 Times as Much**

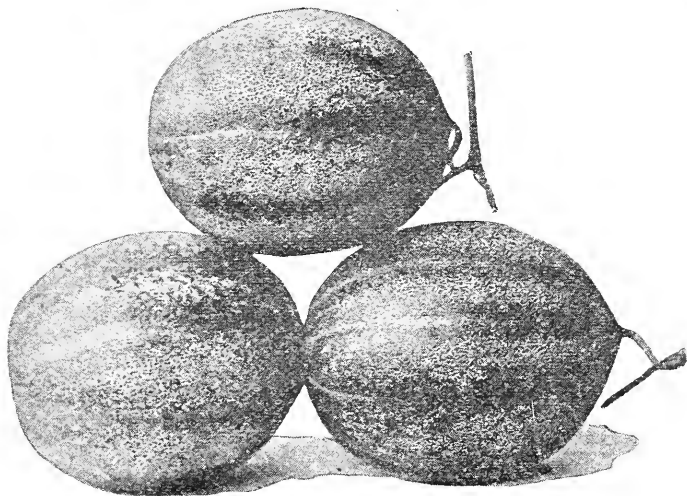




## Buchanan's Muskmelon or Cantaloupe Seed

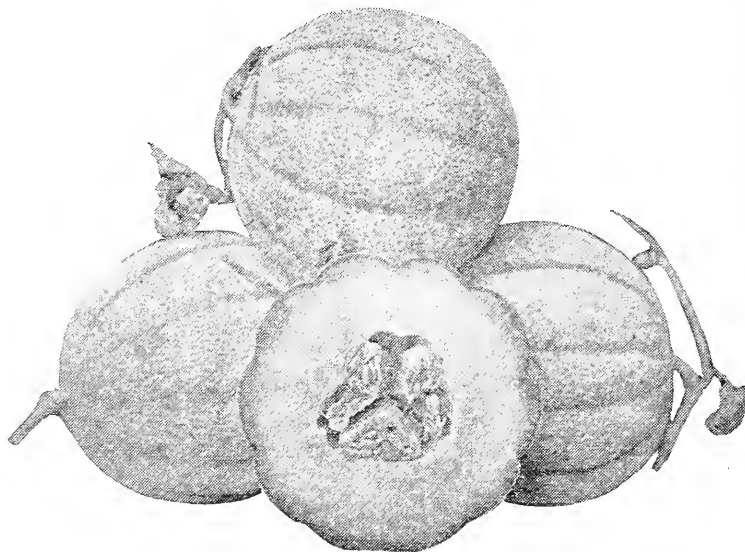


Buchanan's Burrell's Gem



Buchanan's Osage

**BUCHANAN'S BIG 4 CANTALOUPE COLLECTION  
SAVES YOU MONEY—SEE PAGE 19**



Hearts of Gold

**218—HEARTS OF GOLD (Imp. Hoodoo)**—A splendid small, mid-season variety developed from the Hoodoo, being larger and more uniform; fruit round with tendency to heart-shape; distinctly ribbed and covered with a fine gray netting; flesh very thick, deep salmon color, and of high quality; a good shipping melon. Pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

### Salmon-Fleshed Varieties

All Prices on This Page Post Paid.

**221—POLLOCK'S 10-25 (Salmon-Fleshed Eden Gem)**—A salmon-tinted, rust-resisting cantaloupe that has become popular on the market because of its superior qualities. It is a heavy yielder and one of the best long distance shippers we know of. It is nearly as early as the Eden Gem and very prolific. The melons run very uniform in size. In shape it is a trifle longer than the Eden Gem, practically all run solid net, without any indication of the ribs. The netting is extremely heavy and very light colored when matured. The seed cavity is small. The flesh changes from a deep green near the rind to a rich salmon pink near the seed cavity; fine grained and very solid. The attractive color of the flesh and the unsurpassed flavor will appeal to the most highly cultivated tastes. Its fine appearance attracts the particular trade and commands the highest market price wherever introduced. Pkt., 10c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

**229—BUCHANAN'S OSAGE (Salmon-Fleshed)**—An extremely high quality salmon-fleshed melon, a profitable variety to grow for market and a desirable melon for the home garden. An excellent main crop melon, medium to large size and does well on both heavy and sandy soils. The fruits are slightly oval, dark green, slightly ribbed and partly covered with shallow gray netting. The flesh is rich orange salmon, very thick, fine grained and highly flavored. It is a favorite variety among growers for the later markets. This is the melon shipped into Memphis by the carload from the west and southwest during August and September. Pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

**225—TIP TOP**—In shape varies from round to slightly oblong; rather large in size and somewhat late in maturing. Skin pale green, distinctly ribbed and lightly netted; flesh deep rich salmon, sweet and spicy. Pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

**213—BURRELL'S GEM**—A fine thick meat salmon-fleshed Rocky Ford cantaloupe. It has a thicker meat than any of the other cantaloupes and while it is classed as a pink-fleshed variety, the flesh or meat is a deep yellow or orange color. Each year this cantaloupe is steadily increasing in popularity. It is a fine shape and size for crating and because of its solidity it stands up well under long distance shipping. These two important qualities make it much in demand by shippers. The rind is thin and tough and covered with a heavy gray netting which is rather coarse as compared to other Rocky Ford cantaloupes. The seed cavity is exceptionally small and the flesh is fine grained, sweet and spicy. When first introduced, ribs on this cantaloupe were large in size but by careful breeding they have been reduced in size until now they are almost solid netted. A good melon for shipping or home use. Pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**222—BUCK BRAND (Surprise)**—The nearest thing to the old-fashioned muskmelon that you can get. Fruit round, slightly oblong, with a very thin, nearly smooth, gray-green skin; flesh thick and of deep salmon color. For flavor and size combined this is the king of all melons. Too large to be profitable for market—they often weigh 15 to 20 lbs.—they are ideal for home use; one melon is enough for a family. Continues bearing till cold weather and holds its splendid quality up to the very last. Pkt., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

**224—HOODOO—(Hearts of Gold)**—A splendid, small, mid-season variety; fruit round, with tendency to heart-shape, densely covered with a fine gray netting and distinctly ribbed; flesh very thick, ripening thoroughly to the rind, with small seed cavity; of a rich orange color and highest quality. A fine shipping sort. Pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., 1.50.

**214—BANANA**—Shaped somewhat as name indicates; grows about 2½ feet long; flesh deep salmon colored and of only fair quality. Pkt., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

**Buchanan's 10c Packets Contain Twice as Much Seed as Many 5c Packets and Some of Them 3 and 4 Times as Much**



## Buchanan's Muskmelon or Cantaloupe Seed

### Green-Fleshed Varieties

All Prices on This Page Post Paid.

**226—HONEY DEW MELON**—This new melon is unlike the ordinary muskmelon or cantaloupe, both in appearance and flavor, the outer skin being smooth, hard and nearly white. The melons are large, round to oval in shape, extremely thick-meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor, luscious and juicy, much more so than any variety of muskmelons. Pkt., 10c; 1 oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.

**215—MONTREAL GREEN NUTMEG (Montreal Market)**—Green fleshed. The largest of the Nutmeg variety. Skin is dark green in color; the ribs broad and prominent, flesh thick, luscious and melting. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.40.

**216—TEXAS CANNONBALL**—We have sold this splendid cantaloupe of Texas origin for many years. It is very desirable for home use and nearby markets in all parts of the South. Medium in maturity and size and of round shape. In flavor it is first-class, and its dense netting makes it almost sun and insect-proof, this being an immense advantage where insects are troublesome and melons liable to sunscald. It is almost all meat; seed cavity small. Very prolific and hardy. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**228—EDEN GEM (Green Fleshed)**—The illustration of Texas Cannonball shows the netting of our Eden Gem, a favorite with many for shipping, local market, and home garden. A round type melon entirely covered with fine netting and without ribs; flesh green, tinted yellow at center; quality excellent. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50.

**212—BUCHANAN'S MAMMOTH ROCKY FORD (Extra Select)**—The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making them a splendid variety for market. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50.

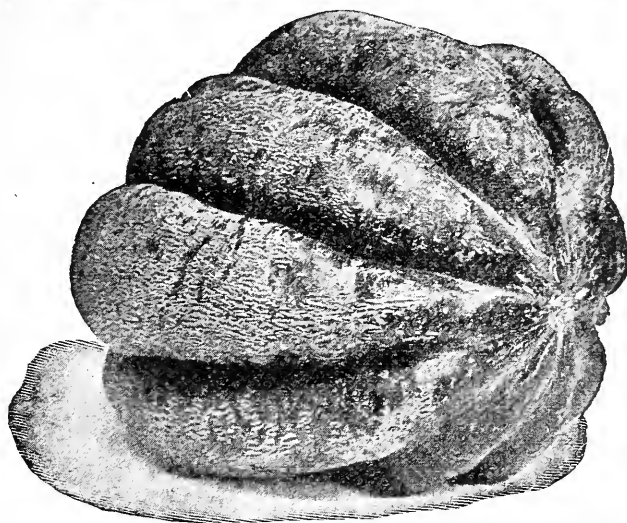
**219—ROCKY FORD**—We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.15.

**223—BALTIMORE OR ACME**—A fine early, oblong, green-fleshed variety, of good size; noticeably ribbed and heavily netted. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

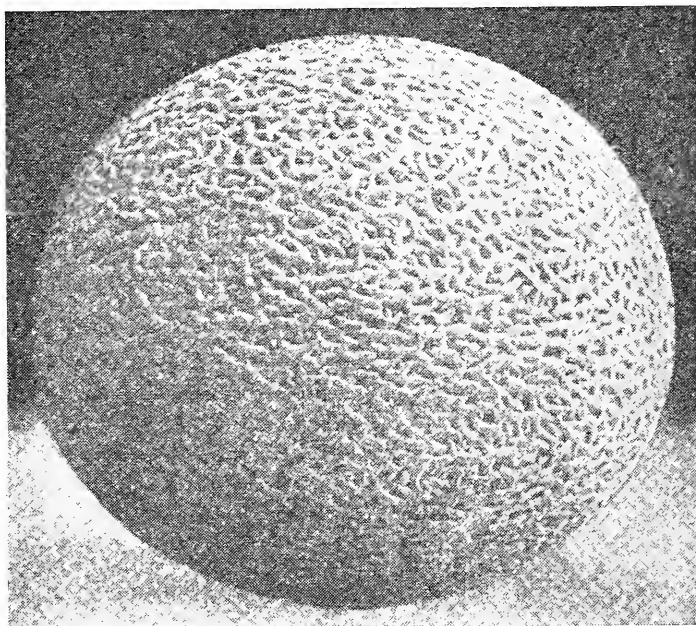
**220—IMPROVED LARGE BALTIMORE**—An improvement on Baltimore or Acme; of general form, but somewhat larger; green-fleshed. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**217—EXTRA EARLY HACKENSACK**—An early strain of the well known large Hackensack. Very popular with the market gardeners, as it is the first of the large melons to be ready for market. The fruit is of good size, round and heavily netted. Flesh green, very sweet and good flavor. Pkt., 10c; 1 oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

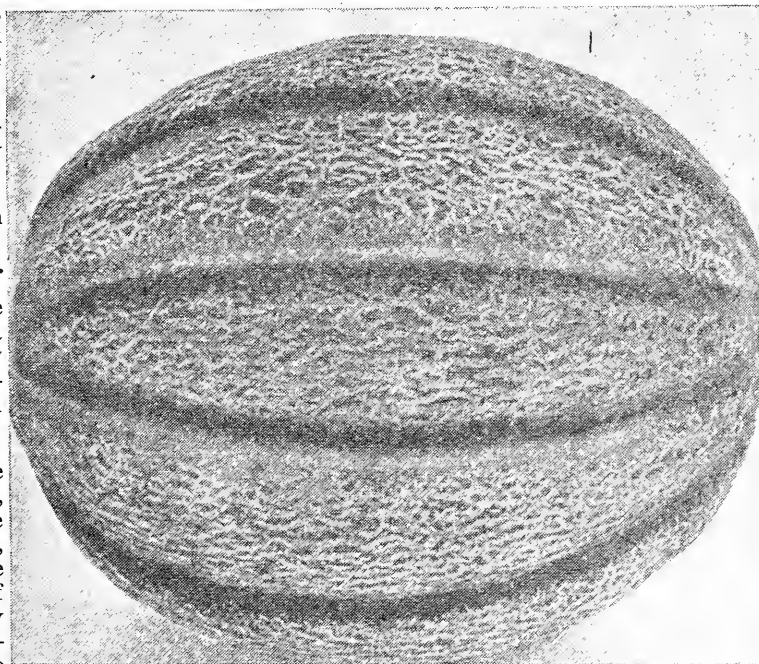
**227—MIXED MUCKMELONS**—Many of our customers have asked us to put out a mixture of Cantaloupes or Muskmelons, so we have included in this mixture seeds that will produce early, medium, late, green-fleshed, orange-fleshed varieties, thus producing a continuous table supply throughout the season from one small plot. This mixture is composed of our very best select strains and put together in a properly balanced mixture that will give ripe, luscious fruits throughout the season. This is an excellent assortment for the home garden. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.



Buck Brand Muskmelon



Texas Cannonball



Baltimore or Acme





R.B. BUCHANAN SEED CO.

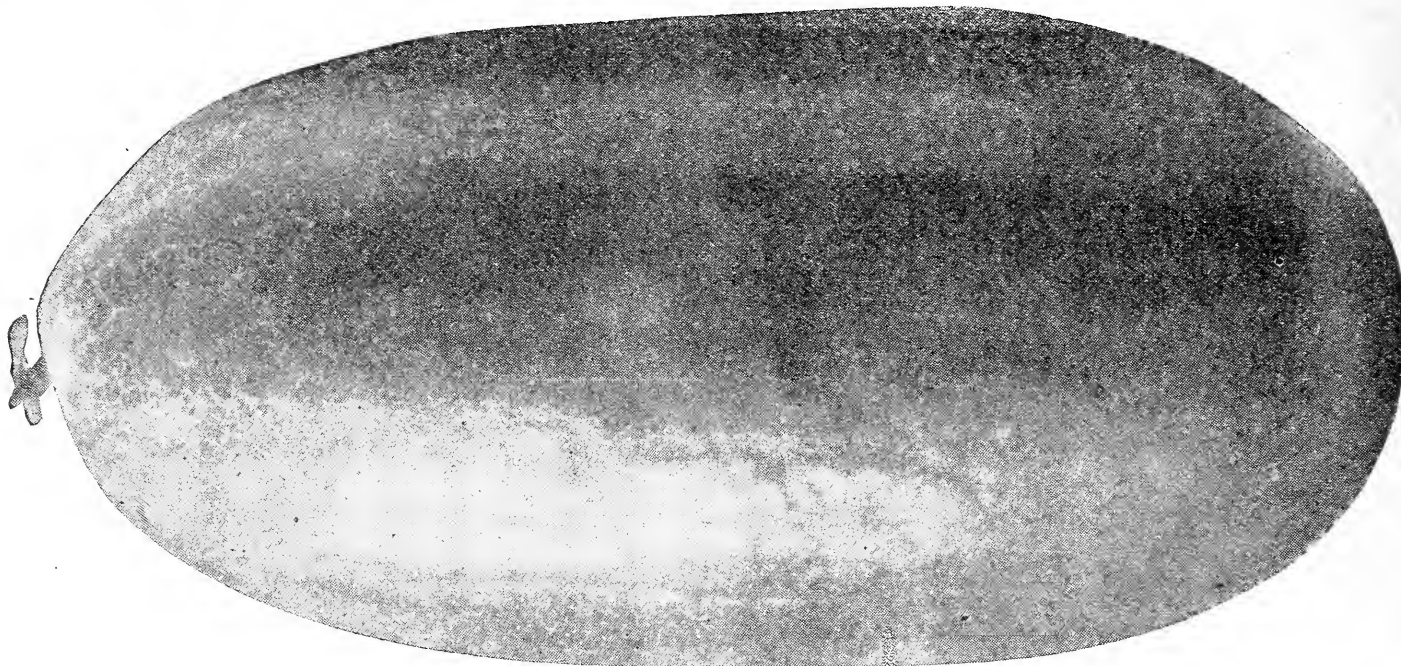
MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

## Buchanan's Southern Grown Watermelon Seeds

**CULTURE**—One ounce to 40 hills; three or four pounds to the acre. Drop in hills six to eight feet apart, six to ten seed, one inch deep, and thin to three best plants. The proper time to plant melons in this section is generally about the middle of April.



Buchanan's Improved Watson Watermelon

**240—BUCHANAN'S IMPROVED WATSON WATER MELON**—This seed is saved from the most perfect melons, none weighing less than forty pounds each, and from many that weighed seventy pounds each. This seed is then graded and cleaned, and consequently will produce finer and larger melons than the regular stock. If you want something extra, order this special stock this season.

The Watson has rightfully been the most largely planted melon in the South for shipping purposes. It's a splendid melon for shipping, for nearby markets and for home use. It is an excellent combination all-purpose melon for you to grow.

**Price**—Pkt. (1 oz.) 20c; 1/4 lb. 50c; 1/2 lb. 85c; 1 lb. \$1.50; 5 lbs. \$6.00, post paid.

There has been much complaint about the Watson "running out," and this is absolutely true of a large part of the Watson seed on the market. It is seed saved from the tail end of the shipping crop, seed from malformed, rotten-ended runts and culls. You can't afford to plant such seeds. Plant Buchanan's Seeds, the very finest you can buy.

In eating quality the Watson is away above the average and its tough, medium thick rind makes it ship equal to the old shipping sorts. Its dark green color and generally handsome appearance make it a seller at top of the market prices.



A Field of Buchanan's Improved Watson Melons, Taken at Our Growing Station.

Every packet of Buchanan's Watermelon Seed contains 1 full oz., about 225 seed, more than 4 times the amount of many 5c pkts.

**R.B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

## Buchanan's Southern Grown Watermelon Seeds

All Prices on This Page are Post Paid

### Buchanan's Golden Heart

**242—BUCHANAN'S GOLDEN HEART**—The best of the yellow fleshed melons, it is oblong in shape; the seeds are white with black tips, and the average weight is 20 pounds. The rind is dark green with irregular stripes of a darker green. It is a standard variety and is one of the best melons for eating. The flesh is a sparkling golden color, very attractive and fully as delicious as its appearance indicates. Edible in 90 days. Size 14x12 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.00; 5 lbs., \$4.00.

### Buchanan's Halbert Honey

**235—BUCHANAN'S HALBERT HONEY**—As fine a medium early home market melon as we grow, the Halbert Honey enjoys wide use and is second only to Kleckley's Sweet in popularity for home gardens and nearby markets. The seed are white with black tips; the shape is long and cylindrical, and the rind is a deep green with fine veins. The melons weigh 35 pounds. Quite similar to Kleckley's Sweet, the Halbert Honey is as handsome a melon as could be desired. Edible in 87 days. Size, 20x12 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., 90c; 5 lbs., \$3.75.

### Buchanan's Irish Gray

**239—BUCHANAN'S IRISH GRAY**—A long melon, rather large in size and is becoming more popular as a shipping kind. The rind is light green in color; the seed are white and its eating qualities very fine. The average weight is 35 pounds, and it is a light seeding variety. We especially recommend the Irish Gray for shipping, as the flesh is not stringy or coarse, and its ability to stand shipping is fully equal to the Watson. Edible in 90 days. Size, 18x11 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., 90c; 5 lbs., \$3.75.

### Buchanan's Improved Kleckley's Sweet

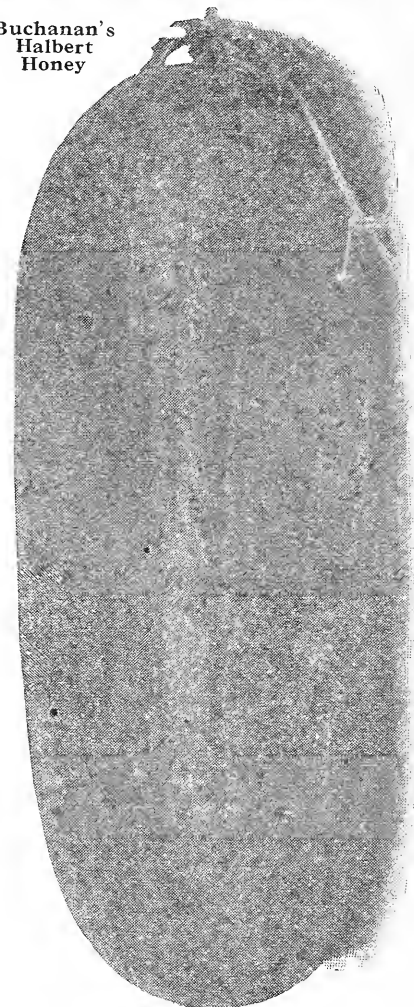
**233—BUCHANAN'S IMPROVED KLECKLEY'S SWEET**—Recently introduced, the seed are snow white, with no trace of color and are slightly larger than the regular Kleckley Sweet. The melons are cylindrical, very dark green with faint creases or ridges running lengthwise. The size is somewhat larger than Kleckley Sweet. The edible qualities are splendid and it no doubt has a large future. The rind perhaps is harder than Kleckley Sweet, making it a shipper for moderate distances. Edible in 87 days. Size, 22x10 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.15; 5 lbs., \$4.00.

### Buchanan's Kleckley's Sweet

**253—BUCHANAN'S KLECKLEY'S SWEET**—It is sometimes listed as Monte Cristo. This variety is more widely used for the home garden and market than any other kind; it is long and symmetrical in shape, often reaching 22 inches in length and 50 pounds in weight. The skin is a dark green, the flesh is bright red, very tender and melting. It is medium early in maturity; the seed are white and it is not adapted for shipping long distances. Edible in 87 days. Size, 20x10 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., 90c; 5 lbs., \$3.75.

Every Packet of Buchanan's Watermelon Seed contains 1 full ounce, about 225 seed; more than four times the amount of many 5c packets.

Buchanan's  
Halbert  
Honey



Buchanan's  
Kleckley's  
Sweet







## Buchanan's Southern Grown Watermelon Seeds

All Prices on This Page Post Paid.

### Buchanan's Alabama Sweet

230—BUCHANAN'S ALABAMA SWEET—The melons are long with a deep green rind, irregularly striped with a darker shade of green. The seeds are white with some slightly mottled and with dark tips. It is an excellent shipping variety with a very tough, elastic rind. Average weight of the melons is about 30 pounds. A widely used, very desirable kind. Edible in 90 days. Size, 16x10 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., 90c; 5 lbs., \$3.75.

### Buchanan's Black Diamond

231—BUCHANAN'S BLACK DIAMOND—A large, almost round melon with very dark green rind. It is medium late; the seed are black, and it is not widely used. The average weight is perhaps 20 pounds. The outside appearance is very attractive. Edible in 90 days. Size, 12x10 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 50c; 1 lb., 75c; 5 lbs., \$3.50.

### Buchanan's Cole's Early

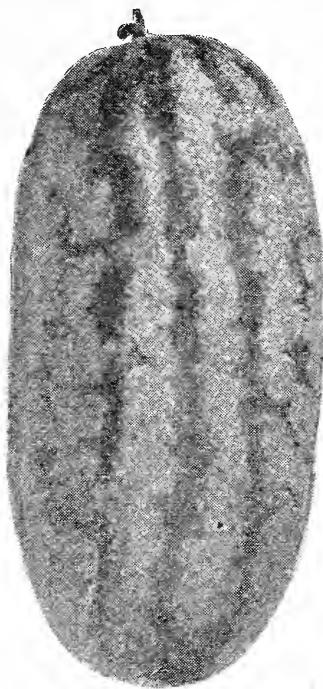
236—BUCHANAN'S COLE'S EARLY—It is almost round, with black seed, while the rind is dark green, irregularly striped with a lighter shade. The flesh is very firm and delicious eating; it is not adapted for shipping, being a home market kind. The Cole's Early is a standard melon and will mature very early, so it is more widely used in sections with a shorter growing season than others. The melons weigh about 20 lbs. Edible in 80 days. Size, 12x11 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 50c; 1 lb., 75c; 5 lbs., \$3.50.

### Buchanan's Florida Favorite

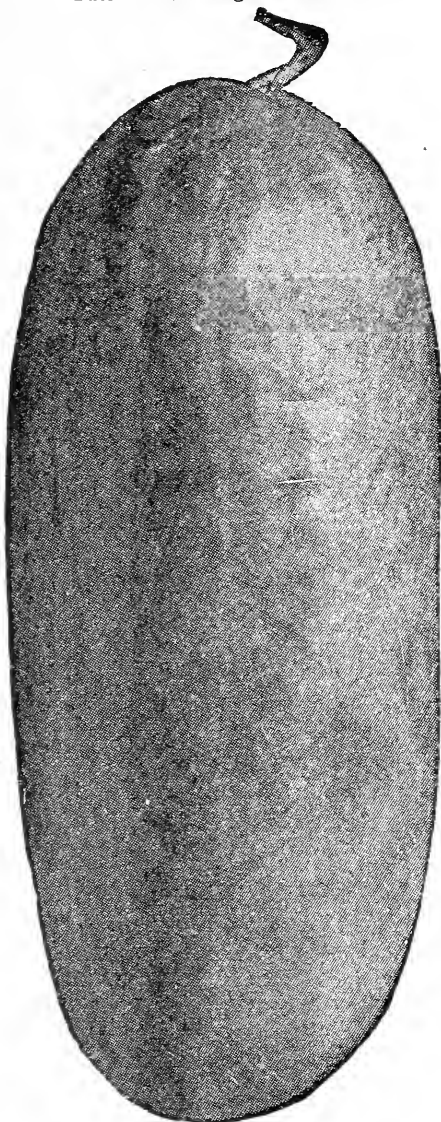
232—BUCHANAN'S FLORIDA FAVORITE—The seed are white, the rind is a light green with mottled stripes of dark green. The shape is long and the melons average 30 pounds in weight. It is not adapted for long distance shipping, but it is excellent for the home market trade. The edible qualities are excellent and this kind is quite popular. Edible in 87 days. Size 16x10 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 50c; 1 lb., 75c; 5 lbs., \$3.50.

### Buchanan's Georgia Rattlesnake

237—BUCHANAN'S GEORGIA RATTLESNAKE—A long, fairly large melon with a light green color, irregularly mottled with dark green stripes. An excellent shipping kind with unexcelled eating qualities, the Rattlesnake is a standard variety. The seed are white with dark tips, and the weight is 30 pounds. Its appearance is so striking because of the contrast between the light and dark mottlings that it is always remembered; perhaps this has helped its popularity. Edible in 92 days. Size, 18x12 inches. Pkt. (1 oz.), 10c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., 90c; 5 lbs., \$3.75.



Buchanan's Georgia Rattlesnake



Buchanan's Perfection

Every packet of Buchanan's Watermelon Seed contains a full ounce, about 225 seed; more than four times the amount of many 5c pkts.



# Buchanan's Southern Grown Watermelon Seeds

All Prices on this Page Post Paid

## Buchanan's Perfection

- 241 BUCHANAN'S PERFECTION.** A new variety, or comparatively so, of unusual merit. The seed are white with a dark rim and edge. The rind is very hard and an intense dark green, the shape is long, the fruits being thicker at the stem than at the blossom end—in other words the fruits taper toward the blossom end. It is certainly handsome in appearance, both the exterior and when cut. Edible in 87 days. Size 22x10 inches. Weight 35 pounds.

Price.....Pkt. (1 Oz.) 15c; ¼ Lb. 50c; ½ Lb. 75c; 1 Lb. \$1.25; 5 Lbs. \$4.50

## Buchanan's Sweetheart

- 234 BUCHANAN'S SWEETHEART.** A rather late variety, producing extremely large melons of excellent quality. The shape is oblong; the rind is very light green with fine veining. It has a very tough elastic rind, making it an excellent shipping kind. The seed are black, and the fruits weigh 25 pounds. Edible in 88 days. Size 13x10 inches.

Price.....Pkt. (1 Oz.) 10c; ¼ Lb. 35c; ½ Lb. 60c; 1 Lb. 85c; 5 Lbs. \$3.75

## Buchanan's Thurmond Gray

- 247 BUCHANAN'S THURMOND GRAY.** Similar to Irish Gray, except the fruits are larger and the seed are brown. It is doubtful if it has any advantage over the Irish Gray. But the quality of both is excellent, the flesh being crisp and tender, while the rind is almost like horn in hardness. Edible in 90 days. Size 20x10 inches.

Price.....Pkt. (1 Oz.) 10c; ¼ Lb. 35c; ½ Lb. 60c; 1 Lb. 90c; 5 Lbs. \$3.75

## Buchanan's Tom Watson

- 238 BUCHANAN'S TOM WATSON.** The most popular of the shipping melons, the Watson has a very tough elastic rind; the seed are brown with a sprinkling of white. The rind is deep green, indistinctly veined; the shape is long and cylindrical and the melons often attain a weight of 40 pounds. The length averages 18 to 24 inches by 10 inches in diameter. The outside appearance is similar to Kleckley's Sweet; the Watson is rather late in maturing. It is not recommended for garden use as the flesh is a little coarse and very firm. Edible in 92 days. Size 20x12 inches.

Price.....Pkt. (1 Oz.) 10c; ¼ Lb. 25c; ½ Lb. 45c; 1 Lb. 75c; 5 Lbs. \$2.75

**EVERY** package of Buchanan's Watermelon Seed contains one ounce, about 225 seeds. More than four times the amount of many  
-:- -:- 5c packets. -:- -:-



Buchanan's Tom Watson

252

### BUCHANAN'S Three Ounce Melon Collection

Your Selection.

Any 3 1-oz. packets separate varieties  
your selection on pages 23, 24 or 25.

MAILED FOR 25c

254

### BUCHANAN'S Six Ounce Melon Collection

Your Selection.

Any 6 1-oz. packets separate varieties  
your selection on pages 23, 24 or 25.

MAILED FOR 50c

255

### BUCHANAN'S Three ¼ Lb. Melon Collection

Your Selection.

Any 3 ¼-lb. pkts. separate varieties  
your selection on pages 23, 24 or 25.

MAILED FOR 75c

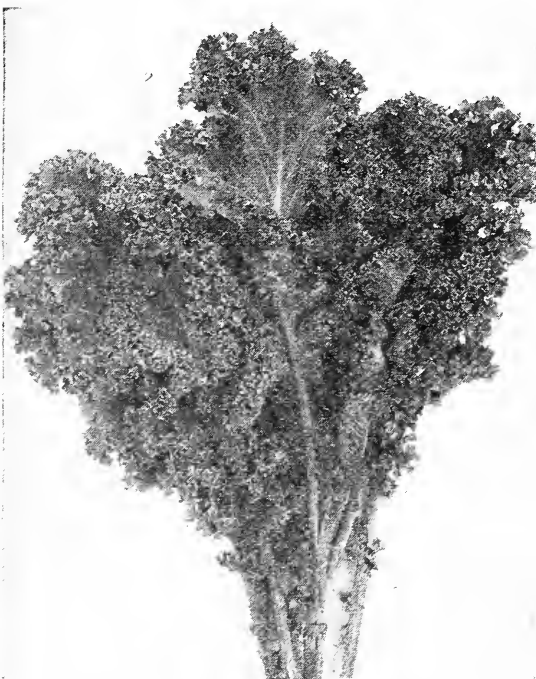


## Buchanan's Okra and Mustard



White Velvet Okra

264—BUCHANAN'S OKRA COLLECTION  
SAVES YOU MONEY  
Coll. 4 1-oz. pkts, 4 Varieties, 35c



Southern Giant Curled Mustard

All Prices on this Page Post Paid

Pkt.	1/4 Lb.	1/2 Lb.	1 Lb.
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### Okra or Gumbo

Our Okra Packets contain one full ounce.

**CULTURE**—One ounce sows 50 feet of drill. Extensively grown in the South, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and delicious soup and, when pickled, are a fine salad. Sow after the weather has become warm in rows 3 feet apart, 2 feet apart in the rows. Will succeed in any good garden soil.

- |     |                                                                                                                                                                                                          |     |     |     |     |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| 249 | <b>WHITE VELVET.</b> Bears round, white, smooth pods, unlike other varieties, which are ridged or square-edged. Pods are large, and are produced in great abundance. The market gardeners' favorite..... | .10 | .25 | .45 | .85 |
| 250 | <b>EARLY DWARF GREEN.</b> Of dwarf growth but immensely productive. The pods are tender, of best quality, and are borne throughout the season.....                                                       | .10 | .25 | .45 | .85 |
| 248 | <b>TALL OR LONG GREEN.</b> Pods long, slender, dark green, and ridged; very tender and is a most popular green variety.....                                                                              | .10 | .25 | .45 | .85 |
| 251 | <b>PERKINS' MAMMOTH LONG POD.</b> This variety is about three feet high, very early and productive. Pods deep green, very long, slender, slightly corrugated, very tender and of good quality.....       | .10 | .25 | .45 | .85 |

### OKRA SEED

5 lbs. Either variety Okra.....	\$3.00
10 lbs. Either variety Okra.....	5.00

### Mustard

Our Mustard Packets contain one full ounce.

**CULTURE**—One ounce will sow about 80 feet of drill. For early salad sow in February, and for general crop, at intervals through the spring, in rows 6 inches apart, and rather thick in rows.

- |     |                                                                                                                                                                                                                                                     |     |     |     |     |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| 243 | <b>SOUTHERN GIANT CURLED.</b> Plant vigorous and hardy, of upright, spreading growth; leaves large, light green-tinged yellow, much crumpled and frilled at the edges. The popular market variety in the South. Seed small, dark reddish-brown..... | .10 | .25 | .40 | .65 |
| 244 | <b>ELEPHANT EAR (Smooth Leaf).</b> This is a splendid variety for market gardeners and amateurs, and will surely give satisfaction wherever planted. The leaves are smooth, very large, and tender and succulent. Makes a large plant.....          | .10 | .25 | .45 | .75 |
| 245 | <b>NEW CHINESE.</b> A very vigorous sort; leaves light green, much crumpled, about twice the size of White, and of sweetly pungent flavor.....                                                                                                      | .10 | .25 | .45 | .75 |
| 246 | <b>WHITE MUSTARD.</b> Will stand the winter and adapted for fall planting; used for salad.....                                                                                                                                                      | .10 | .25 | .45 | .75 |

### MUSTARD SEED

5 lbs. Any variety Mustard.....	\$2.50
10 lbs. Any variety Mustard.....	4.75





## Onion Seed—Sets—Parsley—Parsnips

All Prices on this Page Post Paid

## Onion Seed

**CULTURE**—Sow in rich, sandy soil, in drills 1 foot apart, as soon as the ground can be worked in spring—at the rate of 4 to 5 lbs. to the acre. Thin to 3 or 4 inches, using the rake and hoe frequently to keep down the weeds. The finest Onions are produced by the new method of sowing the seed in hotbed in February and March and transplanting the seedlings to the open ground.

Onion Seed extremely scarce and high. We advise buying Onion Plants.  
—See Page 4.

- 256 WHITE LARGE PORTUGAL.** The standard large flat sort of the New York markets.  
Pkt. 15c; ½ Oz. 35c; Oz. 60c; ¼ Lb. \$2.25; Lb. \$6.75
- 257 LARGE WHITE GLOBE (Southport Strain).** One of the best; produces fine crops of silvery white, globe-shaped Onions of very mild flavor.  
Pkt. 15c; ½ Oz. 35c; Oz. 65c; ¼ Lb. \$2.50; Lb. \$7.50
- 258 YELLOW GLOBE DANVERS.** A well known standard variety of uniform shape and excellent quality, bright yellow color.  
Pkt. 15c; ½ Oz. 35c; Oz. 65c; ¼ Lb. \$2.40; Lb. \$7.00
- 259 IMPROVED RED BERMUDA.** A large, quick growing red variety; very tender and juicy; a large yielder and a good keeper.  
Pkt. 25c; ½ Oz. 45c; Oz. 75c; ¼ Lb. \$2.75; Lb. \$10.00
- 260 LARGE RED WEATHERSFIELD.** It is of a beautiful form, skin deep purplish red; flesh purplish white and of a very fine grain.  
Pkt. 15c; ½ Oz. 35c; Oz. 60c; ¼ Lb. \$1.50; Lb. \$5.00
- 261 LARGE RED GLOBE (Southport Strain).** The finest large red sort.  
Pkt. 15c; ½ Oz. 35c; Oz. 60c; ¼ Lb. \$2.00; Lb. \$7.00
- 262 WHITE BERMUDA WAX.** The most attractive onion in the world. It is an absolutely pure white Bermuda Onion with a most beautiful waxy appearance that makes it sell on sight in the retail markets.  
Pkt. 25c; ½ Oz. 50c; Oz. 85c; ¼ Lb. \$3.25; Lb. \$12.00
- 263 MAMMOTH YELLOW SPANISH OR PRIZETAKER.** A very handsome late or main crop onion of the largest size.  
Pkt. 15c; ½ Oz. 35c; Oz. 60c; ¼ Lb. \$1.50; Lb. \$5.00.

## Onion Sets

- 267 White Silverskin**.....1 Qt. 30c; 4 Qts. \$ .85; Pk. \$1.50  
**268 Red Weathersfield**.....1 Qt. 25c; 4 Qts. .75; Pk. 1.40  
**266 Yellow Danvers**.....1 Qt. 25c; 4 Qts. .75; Pk. 1.40  
**272 Winter Top Shallot**.....1 Qt. 25c; 4 Qts. .75; Pk. 1.40  
**269 Yellow Potato**.....1 Qt. 50c; 4 Qts. 1.50; Pk. 3.00  
**270 White Multiplier**.....1 Qt. 40c; 4 Qts. 1.40; Pk. 2.75

We are in the market for Yellow Potato and White Multiplier Onion Sets. If you have any to offer, send us sample.

See Page 4 for Onion Plants—Cheaper and better than Sets.

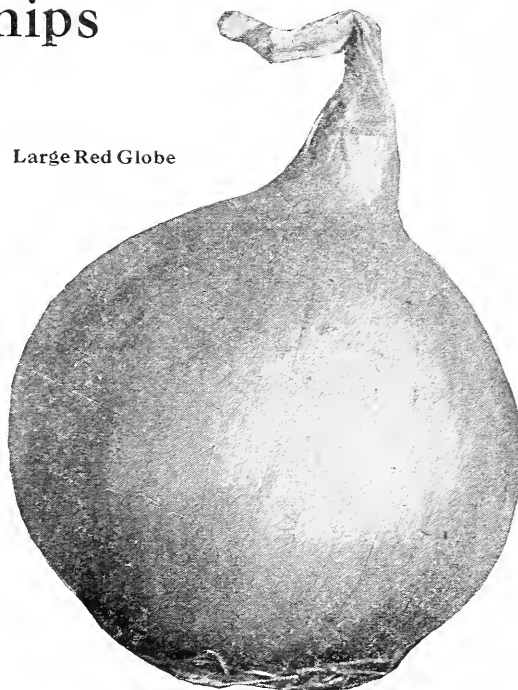
## Parsley

- 274 CHAMPION MOSS CURLED.** A choice selected strain with beautifully crimped and curled bright green leaves.  
Pkt. 10c; Oz. 15c; ¼ Lb. 30c; Lb. 75c
- 275 DOUBLE CURLED.** Compact, very curly and finely cut; bright green color.  
Pkt. 10c; Oz. 20c; ¼ Lb. 35c; Lb. 80c
- 276 PLAIN OR SINGLE.** Leaves are flat, deeply cut, and dark green.  
Pkt. 10c; Oz. 15c; ¼ Lb. 25c; Lb. 75c

## Parsnips

- 280 SUGAR OR HOLLOW CROWN.** The best for table use; a vegetable of merit, easily raised and of great productiveness.  
Pkt. 10c; Oz. 15c; ¼ Lb. 30c; Lb. \$1.00
- 282 LONG SMOOTH.** Roots very long, sugary and of most excellent flavor; very hardy.  
Pkt. 10c; Oz. 15c; ¼ Lb. 30c; Lb. \$1.00

Large Red Globe

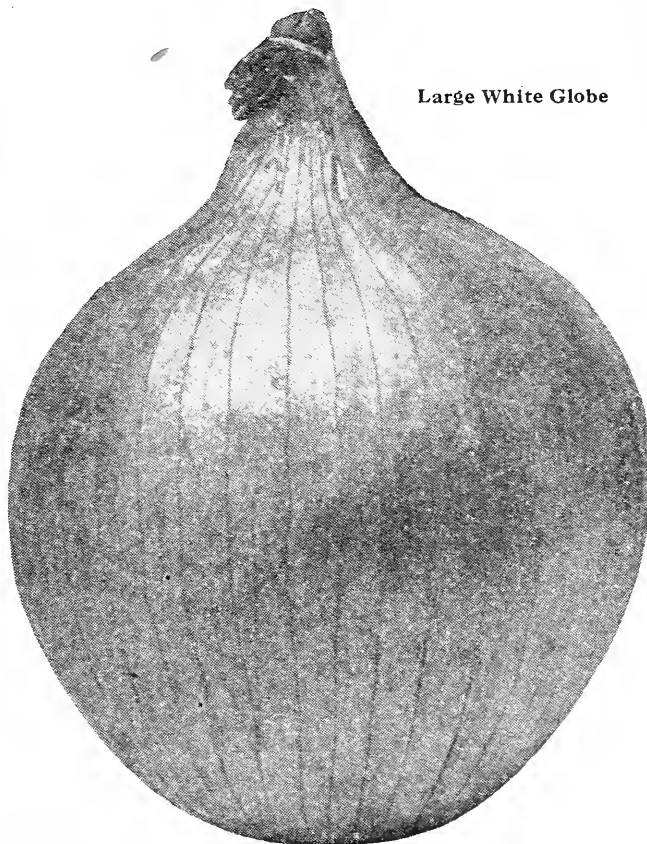
273 Buchanan's  
Onion Collections

SAVE MONEY

LARGE WHITE GLOBE - YELLOW GLOBE DANVERS  
LARGE RED GLOBE

Price Coll. of 3 Pkts. 35c - 1 Oz. Each of 3 Var. \$1.50

Large White Globe





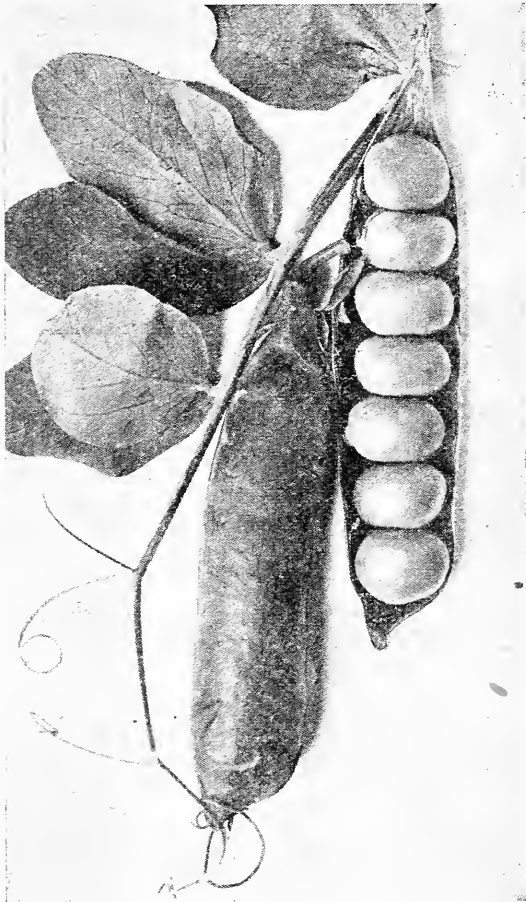
## Buchanan's Garden Peas

**CULTURE**—Sow as early as the ground can be worked and again every ten days for succession. Peas may be sown in this vicinity as late as the 20th of August. Medium and late Peas must be planted early; Extra-Earlies may be planted again in August. Sow in single or double rows from 4 to 6 feet apart, according to the different heights, about an inch apart in the row (except such sorts as we note to sow thinly) and 4 inches deep. In this climate, the First and Best Pea, if planted from the 10th to the last of August, will produce a fair crop for fall picking, when Peas will be most acceptable. Hoe often and keep the ground clean and fine.

Those marked with a star (\*) are wrinkled marrows, and, unless otherwise stated, should be sown thicker than the round Peas, and not until the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas. Those marked (†) are large-podded sorts.

### Buchanan's Peas.

Packets contain 3 full ounces, about 300 peas;  
½ lb. about half pint; 1 lb. about one pint; 2 lbs. about one quart.



Early Alaska Peas

#### All Prices on this Page Post Paid

	Pkt.	½ Lb.	1 Lb.	2 Lb.
<b>Extra Early and Early Varieties</b>				
284 <b>ALASKA.</b> This is the earliest of all small podded peas. Universally used for first planting; the vines are a distinctive light green, and from 2 to 3 feet high. Pods are dark green, about 2½ inches long, straight and well filled with small, smooth blue-green peas of excellent flavor. This pea is a heavy yielder and a favorite among market gardeners.....	.10	.20	.35	.65
289 <b>*ALDERMAN.</b> It is of the finest large podded summer varieties. The vine grows 5 feet in height, and is of a dark green coloring, as are also the large pods. Pods frequently measure 6 inches in length and contain from eight to nine large peas of superior flavor.....	.10	.20	.35	.65
288 <b>AMEER, OR LARGE ALASKA.</b> A fine variety which is rapidly becoming more popular with those who want a larger podding pea of the Alaska type. The vine is 3 feet high, more vigorous and of the same color as the Alaska. Pods are one-third larger and filled with 5 to 7 large round peas of fine flavor. The crop ripens about a week later than the Alaska.....	.10	.20	.35	.65
287 <b>*AMERICAN WONDER.</b> The earliest of the dwarf, wrinkled sorts. The vines are 9 to 12 inches high and produce a good crop of well filled pods, nearly 3 inches long, containing 5 to 7 large peas. Very sweet and tender. The seed is pale green, flattened and wrinkled.....	.10	.25	.40	.75
286 <b>FIRST AND BEST.</b> Extra Early; one of the earliest tall varieties, with smooth, white peas. Vines are about 30 inches high; pods short and well filled; quality the best.	.10	.20	.35	.65
291 <b>*GRADUS OR PROSPERITY.</b> This pea is an extremely early large-podded, wrinkled variety, which matures only a few days later than the little round-seeded, small-podded varieties. The vines are nearly 4 feet high and the pods are very large, well shaped and pointed. The peas are large and light green in color. One of the best sort for the garden.....	.10	.25	.40	.75
285 <b>*PREMIUM GEM (Improved Little Gem).</b> A very desirable early green, wrinkled, dwarf variety. The vine is very productive and grows to a height of from 15 to 18 inches. The pods are of medium size, about 3¾ inches long, and crowded with six to eight very large peas of fine quality.....	.10	.20	.35	.65
297 <b>*LITTLE MARVEL.</b> An excellent dwarf sort for the market and home garden. The pods average a little longer than those of Premium Gem, are more attractive in shape and color and the peas are of superior quality. The vines are sturdy, nearly 18 inches high, heavily set with straight, deep green pods, square ended at the bottom and nearly 3 inches in length. Its season is about the same as Premium Gem. Seed large, wrinkled.....	.10	.25	.40	.75

### Buchanan's Special Collection Garden Peas

**Greatest Bargain Ever Offered**

**Saves You Money—See Page 29**

#### Any One Variety

Peas Listed on Pages 28 and 29

5 Lbs. \$1.50

10 Lbs. \$2.75

Postpaid

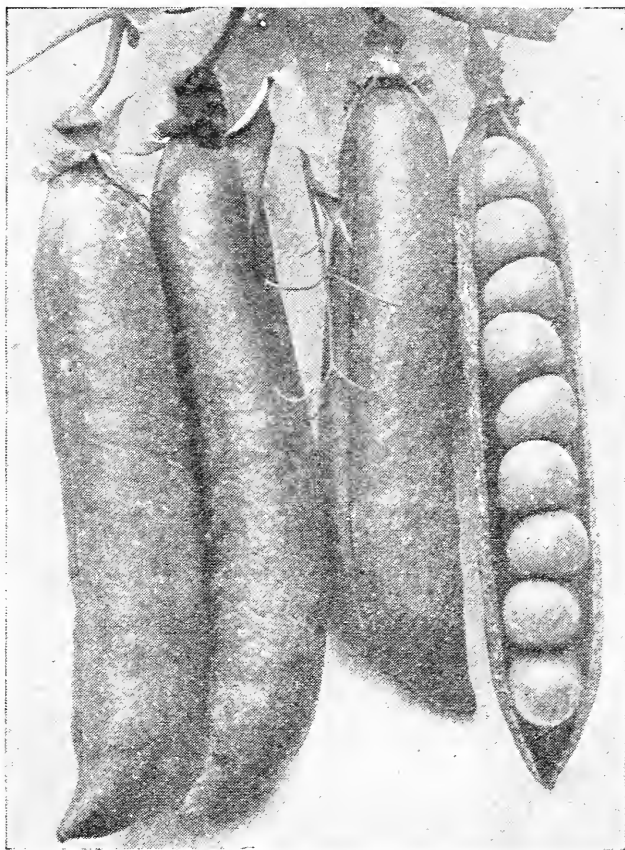
**Buchanan's 10c Packets Contain Twice as Much Seed as Many 5c Packets and Some of Them 3 and 4 Times as Much**  
**All Seeds listed on this page are delivered transportation paid in the U. S. or possessions. ORDER EARLY**



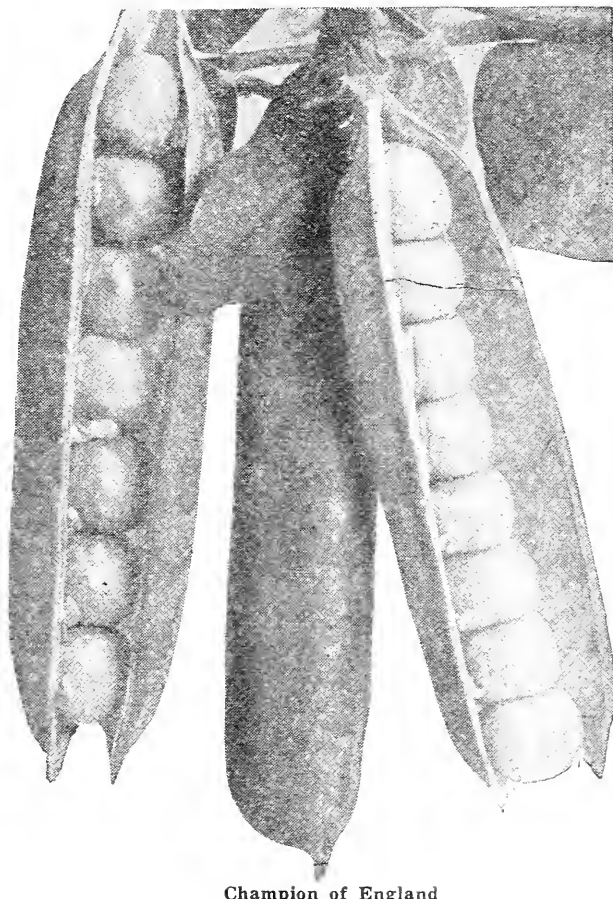
## Buchanan's Garden Peas — Special Collections This Page

All Prices on this Page Post Paid

	Pkt.	½ Lb.	1 Lb.	2 Lb.
292 <b>CHAMPION OF ENGLAND.</b> A very productive standard main crop variety, one of the best flavored of the late peas. The vines are 4 to 5 feet high, and the foliage is medium green. The pods are medium dark green, broad and nearly straight, and about 3 inches long. We have a fine stock of these peas.....	10	.20	.35	.65
293 <b>TELEPHONE.</b> A standard variety, grows tall and large; peas are wrinkled and of fine quality. Vines and foliage are strong and heavy, medium green. One of the best main crop varieties.....	10	.20	.30	.60
298 <b>*BLISS EVERBEARING.</b> The vines are stout, of medium height, about 2½ to 3 feet, bearing at the top 6 to 10 good sized pods, about 2½ to 3 inches long. If these are picked as they mature and the season and soil are favorable, the plant will throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender, of superior flavor and preferred by many to any other sort.....	10	.20	.35	.60
294 <b>LARGE WHITE MARROWFAT.</b> This variety is very tall, about 5 feet, and of strong growth. The pods are about 3 inches long, round, light green and somewhat rough. The peas are large, round, smooth and creamy yellow. It is a very desirable variety for summer use and is undoubtedly one of the most productive of the garden peas.....	10	.15	.25	.40
295 <b>LARGE BLACK EYE MARROWFAT.</b> An excellent tall variety, about 5 feet high. It is a very prolific bearer of large pods, about 3 inches long. Seed large, smooth, round, light creamy yellow, with black eye. One of the very best of the Marrowfat sorts.....	10	.20	.30	.40



Bliss Everbearing



Champion of England

## 300 Buchanan's Collections of Garden Peas

The Following Five Varieties Comprise the Collections

**EARLY ALASKA.** A wonderful, round-seeded variety, yielding in about 70 days from seed. Height 3 feet.

**\*GRADUS.** The standard early wrinkled Pea, yielding generally in 80 days. Height 3 feet.

**\*LITTLE MARVEL.** A wrinkled sort, 1½ feet high. Requires about 85 days from seeding to maturity.

**\*TELEPHONE.** The standard late tall wrinkled Pea. Produces its pods in about 90 days from seed. It grows 5 feet high.

**\*BLISS EVERBEARING.** An extremely late wrinkled variety, yielding in 95 days from seeding. Height 2 feet.

## THE COLLECTIONS

	Postpaid
One packet each of above five Peas.....	\$ .50
Half-pound each of above five Peas.....	1.25
One pound each of above five Peas.....	2.00
Two pounds each of above five Peas.....	4.00
Five pounds each of above five Peas.....	10.00

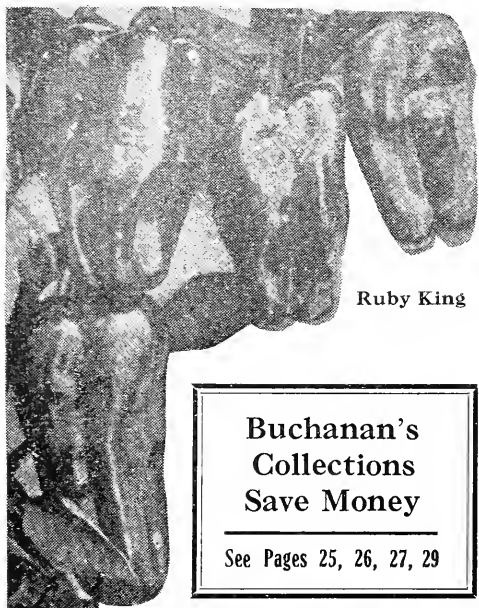




## Buchanan's Sweet and Hot Peppers

**CULTURE**—Peppers are more tender than most vegetables. The seed does not germinate freely in a temperature of less than 65 degrees and should either be started in hot beds or boxes in the house. If sown outdoors, planting should be deferred until the ground becomes warm in the spring. When the plants are about three inches high and all danger from frost is past, they can be set in the open ground in rows about two and one-half feet apart and two feet apart in the row. One ounce of pepper seed will usually make about 1000 good strong plants if properly handled. To be sure of a sufficient quantity of plants for an acre,  $\frac{1}{2}$  pound of seed is generally sown.

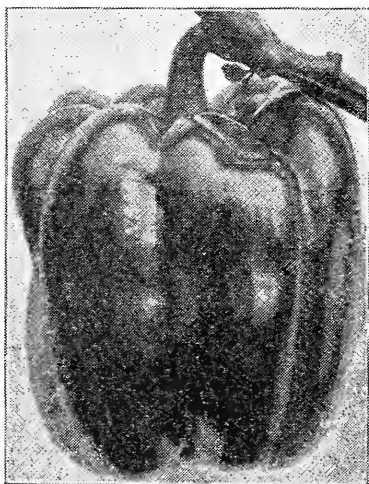
All Prices on this Page Post Paid



Ruby King

**Buchanan's  
Collections  
Save Money**

See Pages 25, 26, 27, 29

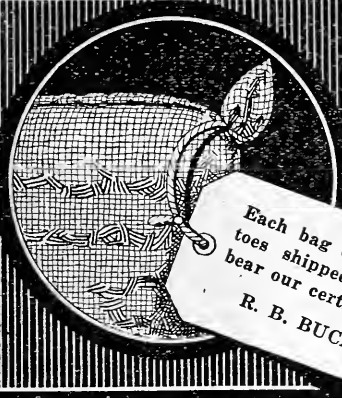


Bell or Bull Nose



Chinese Giant

- 301 ROYAL KING (Sweet).** In this variety you have the utmost that can be obtained in the way of a Bell type pepper. It is a very attractive pepper, an excellent shipper and commands the top prices in the market. I highly recommend this variety as an all-round pepper for the home garden, nearby markets or shipping. It grows to a large size, is very mild, and when ripe, is of a bright scarlet color. The flesh is thick, meaty and fine flavored. Plants grow 2 to 2½ feet high, vigorous and productive, bearing an enormous yield throughout the season. It is especially desirable for shipping due to its regularity of size and shape which makes it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c; 2 oz. 65c;  $\frac{1}{4}$  lb. \$1.25.
- 303 CHINESE GIANT (Sweet).** The Chinese Giant is one of the largest and finest peppers in cultivation. The plant is about two feet high, of strong, vigorous growth, stocky and erect in habit, very productive, and ripens its fruits earlier than the Ruby King. The compact plants are very prolific, setting 3 to 4 extra fruits at the base quite early in the season, which ripens while a second crop is setting on the branches. The fruits are quite square, averaging 4 inches in diameter, and is a bright, glossy scarlet color when ripe. The flesh is usually thick and very mild, having none of the pungency of most of the older varieties. It is a fine variety for the home garden and for the market gardener. The immense size of the fruit and its brilliant color render it very attractive and of ready sale in the market. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c; 2 oz. 90c;  $\frac{1}{4}$  lb. \$1.65.
- 307 CRIMSON GIANT (Sweet).** An early maturing large size sweet pepper, similar in shape to Chinese Giant, but much longer, and flesh thicker. It is exceptionally mild and very prolific; earlier than the Chinese Giant. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 15c; oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c.
- 302 BELL OR BULL NOSE (Sweet).** Do not confuse this with the Chinese Giant. It is similar in shape but scarcely more than half as large. It is much more prolific and a very desirable variety for the home garden. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 15c; oz. 25c; 2 oz. 40c;  $\frac{1}{4}$  lb. 75c.
- 305 RUBY KING (Sweet).** An old well-known standard variety of excellent quality. Fruits frequently run 4½ inches in length, having usually three lobes. A deep rich green color when young, ripening to a bright rich crimson at maturity. The flesh is thick and of mild flavor. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c; 2 oz. 65c;  $\frac{1}{4}$  lb. \$1.25.
- 304 LONG RED CAYENNE.** A well-known hot pepper; larger than Red Chili but just as hot and pungent. It is medium early sort having a slender, twisted and pointed pod about four inches long. A bright red color when ripe. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 40c; 2 oz. 75c;  $\frac{1}{4}$  lb. \$1.35.
- 311 EARLY NEAPOLITAN (Sweet).** Earlier than any large, sweet pepper, and a wonderful bearer; single plants often yield 30 to 40 peppers, and continue loaded with fruits right up to frost. Bright red, thick-meat, very sweet and mild; 4 inches long by 5 to 6 inches round; keeps a long time. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c; 2 oz. 65c;  $\frac{1}{4}$  lb. \$1.25.
- 312 PIMENTO (Sweet).** The mildest flavored of all peppers. This variety should be planted in every garden where a delicious sweet flavored pepper is wanted both for salad and for stuffing. It has attained wonderful popularity in the short time it has been known. A very productive sort, being an entirely different type than the other well-known peppers. Its thickness of flesh permits removing of skin, an essential of great value not easily accomplished with other sorts. It is very popular with canners, having qualities superior to any other pepper, and can be utilized in many more ways. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c; 2 oz. 65c;  $\frac{1}{4}$  lb. \$1.25.
- 308 RED CHILI PEPPER.** A very hot, pungent, bright red pepper used for flavoring. Dwarf growing, with slender, pointed fruits about one inch long, which are about  $\frac{1}{2}$  inch thick at the base and taper to a sharp point. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 50c; 2 oz. 90c;  $\frac{1}{4}$  lb. \$1.65.
- 306 TABASCO (Hot).** Very pungent and strong. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c; 2 oz. 90c;  $\frac{1}{4}$  lb. \$1.65.
- 309 MIXED RED HOT.** A mixture of all varieties of Hot Pepper. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 35c; 2 oz. 50c;  $\frac{1}{4}$  lb. 90c.
- 310 MIXED SWEET MANGOES.** Mixed varieties of Sweet Pepper for Mangoes. Price.....Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c; 2 oz. 85c;  $\frac{1}{4}$  lb. \$1.60.



Each bag of Irish Potatoes shipped by us will bear our certification tag.  
R. B. BUCHANAN.

# BUCHANAN'S

## CERTIFIED NORTHERN GROWN

# SEED POTATOES



## Selected Seed Irish Potatoes

Will mature in 70 to 90 days, according to the variety. Cut two eyes, drop them every 15 inches and make rows 3 feet apart; cover eyes 2 inches; plant in February, March and April for early crops.

Use plenty of well rotted manure with either Truck Guano or Cotton Seed Meal, this should be put down in the furrow and then throw a little dirt on the top of it. Do not let the potatoes come in contact with the fertilizer as they will be very liable to rot. Keep well cultivated. One peck will plant 125 feet of row; 7 to 10 bushels will plant an acre, depending on the size of the seed.



**322 BUCHANAN'S IRISH COBBLER**—We grow and like it. In shape it's much like Triumph, but more oblong; color of skin a creamy white, slightly netted with lighter color. Cooks quickly, is almost pure white, mealy, but not too dry. A good shipper and good keeper for home use and nearby market. Write for our best market prices when ready to buy.

**323 BUCHANAN'S RED TRIUMPH**—The best potato for the South. We sell five times as many Triumphs as all the others combined. It's adapted to all parts of the South, from Kentucky to Florida, from the Carolinas to Arizona. It's an extra early, and with our pure grown seed stock it's the surest producer of any, while its handsome appearance when first dug makes it a ready seller at top prices on any market. It withstands heat and drought to a wonderful degree and makes a good crop when other varieties burn up and make nothing. Vines are smaller than other varieties, the strength of the plant going into making potatoes rather than into the vine. This is the right potato for you to plant if you want an extra early and sure cropping potato of the very best quality. It will give you entire satisfaction. Write for market prices when ready to buy.

**326 LOOKOUT MOUNTAIN POTATO**—Second Crop. Very prolific, late; long keeping variety, for planting in June or July; grows large tubers, pure white, smooth, of good quality. No other variety stands our hot climate as well. We book orders now for shipment first of June.

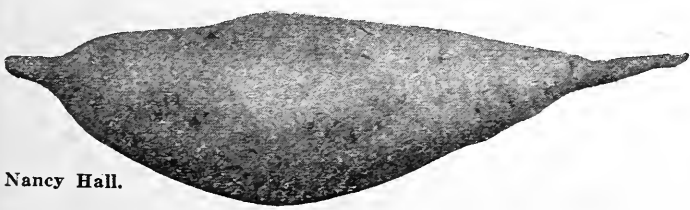
## Buchanan's Southern Seed Sweet Potatoes

We make no charge for boxes, baskets, barrels or packing. For prices on Sweet Potato Slips, see page 3.

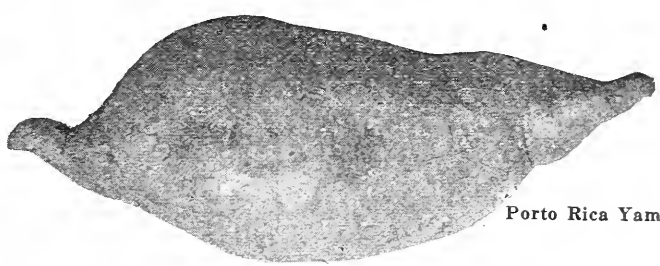
Your State Agricultural Experiment Station will be glad to send you Bulletins on the Sweet Potato.

For more information on Sweet Potatoes, write United States Department of Agriculture, Division of Publication, Washington, D. C., for Farmers' Bulletin Nos. 26,999 and 1059.

Owing to the longest drouth known during 1925, Seed Sweet Potatoes will be very scarce. Write for prices on quantities when ready to buy.



Nancy Hall.



Porto Rica Yam.

**334 NANCY HALL**—Our most popular Sweet Potato because of its early maturing and ready sale on all markets, especially the Northern markets, where the Southern Nancy Hall is known as the best eating Sweet Potato grown. Color, yellow, slightly running, ready to harvest in July, fine for cooking, but does not keep during the winter as well as the Gold Coin or Porto Rica.

**335 PORTO RICA YAMS**—We have grown this Sweet Potato for five years and the demand for both Seed and Slips has increased each year. It is fine grained, juicy, as good for eating as the Nancy Hall and has the additional quality of being a good winter keeper. Color, golden red, running, late maturing, good keeper, and I consider it the best Sweet Potato grown today for home use.

All seed potatoes will be very high this year—Write for prices

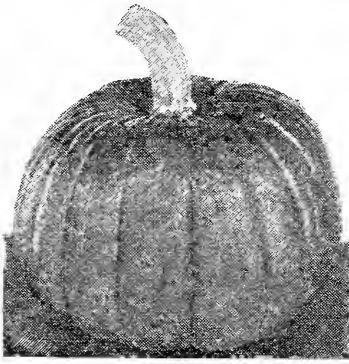


## Buchanan's Pumpkin Seed

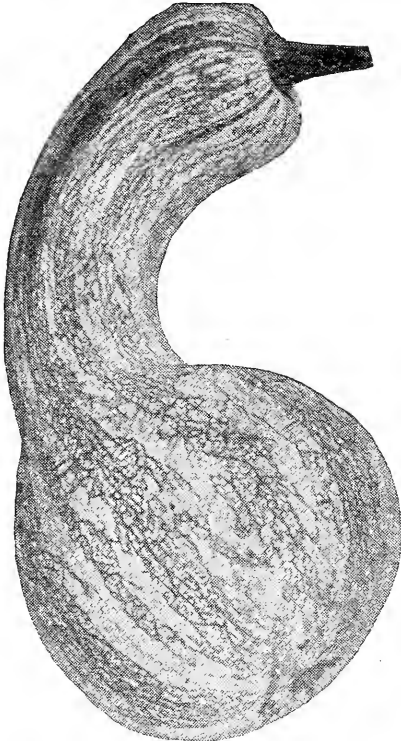
**CULTURE**—One pound will plant 40 to 50 hills; 5 pounds will plant one acre. Plant in hills 8 to 10 feet apart each way, four seed to the hill. For a good crop the soil should be rich. Cultivate same as cucumbers or melons. Pumpkins should not be planted in the garden, as they will readily mix with squash, much to the detriment of same. Many pumpkins are raised between corn hills, where they should be planted about 15 feet apart.

**1 Oz. Pumpkin Seed Contains about 165 Seed**

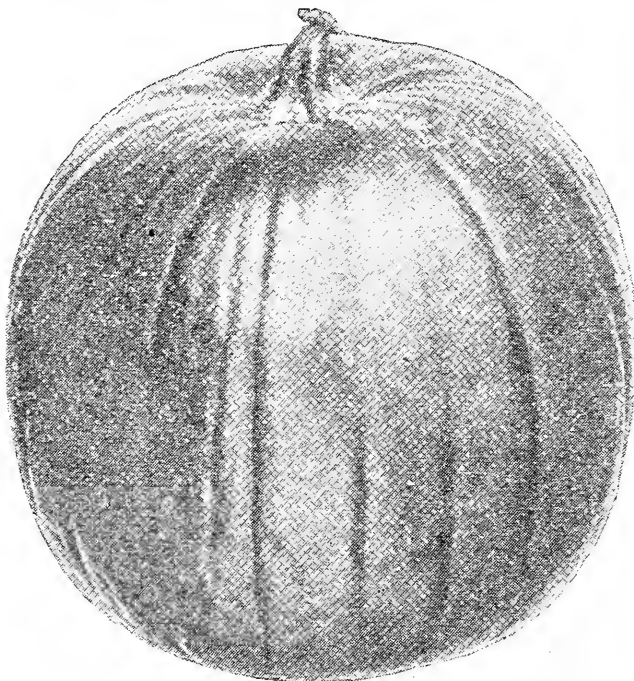
**All Prices on this Page Post Paid**



Sugar or New England Pie



Genuine Green Striped Cushaw



King of the Mammoths

- 315 CUSHAW—Green Striped.** The fruits are crook-necked with the seed in the blossom end; the rind is white, mottled with irregular green stripes. The average weight is about 12 pounds. It is the most popular of the cushaw types; it is early and very prolific. The seeds are white and highly enameled, and it is largely used for feeding stock. Matures in 120 days. Size 16x10 inches. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 40c; Lb. \$1.25; 5 Lbs. \$5.00
- 318 JAPANESE PIE.** Its shape is similar to the Cushaw pumpkins, crook-necked, but the skin is a dark green, often showing a trace of lighter green stripes. The seed are large, enameled and are engraved or marked in an irregular way, a little similar to Chinese letters. A very early, popular variety. The seed are all in the blossom end, the neck being solid; it furnishes a large amount of food for stock or canning. Matures in 115 days. Size 12x8 inches. Weight 10 to 12 pounds. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 40c; Lb. \$1.25; 5 Lbs. \$5.00
- 316 KING OF THE MAMMOTH OR POTIRON.** The fruits produced are the largest of any pumpkin or squash; it is often called hundredweight. It is used largely for stock feeding and for exhibition purposes; we occasionally have fruits weighing 100 pounds, but the average is considerably under this. They are a bright lemon in color, mottled with orange color; the fruits are round with a trace of ribbing. The flesh is very hard, firm, and while a little coarse in texture, is of good quality. Very often the fruits are netted or covered with a network of veins a little similar to those occurring on muskmelons. Matures in 120 days. Size 24x18 inches. Weight 60 pounds. Price.....Pkt. (½ Oz.) 10c; Oz. 20c; ¼ Lb. 50c; Lb. \$1.40; 5 Lbs. \$5.25.
- 314 KENTUCKY FIELD.** The fruits are a little similar to the Large Cheese, but these two kinds are not identical in our opinion. Kentucky Field is used very largely for canning and for feeding stock. The fruits are flat, and the seed are small and rough. It is a very hardy, late variety. The fruits often are dull orange in color and are not uniform in shape, many being long or round. Matures in 120 days. Size 12x7 inches. Weight 10 pounds. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 25c; Lb. 65c; 5 Lbs. \$2.50
- 320 LARGE CHEESE.** It derives its name from its similarity to a cheese box; the fruits are very flat, cream colored and slightly ribbed. It is in wide use for canning purposes; it keeps exceptionally well and is one of the old, widely used kinds of exceptional merit. The seed are small, thin and fuzzy in appearance. It is extremely prolific and disease resistant. Matures in 110 days. Size 12x7 inches. Weight 9 pounds. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 35c; Lb. 75c; 5 Lbs. \$3.00
- 319 QUAKER PIE.** The fruits are medium sized and pointed at both ends; it may be called double bell shaped. The skin is a cream color, very smooth and hard, and the flesh thick and sweet. It is an early variety, but not widely used. Matures in 115 days. Size 12x7 inches. Weight 10 pounds. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 40c; Lb. \$1.25; 5 Lbs. \$5.00
- 313 SMALL SUGAR.** It is also called Boxtan Pie and Sugar Pie. We believe this variety to be the best pumpkin for general use; it is late, very prolific, and its thick, sweet flesh is adapted for all purposes. The fruits are round and flat on the ends; the color is a deep orange and the pumpkins have distinct ridges or stripes around them. It will store exceptionally well; it is used largely for canning, but more for home and market gardens. Matures in 120 days. Size 8x10 inches. Weight 6 to 7 pounds. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 40c; Lb. \$1.25; 5 Lbs. \$5.00
- 317 TENNESSEE SWEET POTATO.** The fruits are pear or bell shaped, of medium size and with a white skin, slightly mottled with green stripes of a light shade. The seed are large and highly enameled; the fruits average about 15 pounds in weight; the flesh is a creamy white and is very thick and sweet. It is an early type of pumpkin and enjoys wide use. Mature in 110 days. Size 12x9 inches. Price.....Pkt. (½ Oz.) 10c; Oz. 15c; ¼ Lb. 40c; Lb. \$1.25; 5 Lbs. \$5.00
- 325 CORN FIELD PUMPKINS—For Feeding Stock.** Usually planted in cornfields on bottom land; will produce enormous crops. Price.....Pkt. (Oz.) 10c; ¼ Lb. 20c; 1 Lb. 50c; 5 Lbs. \$2.00

324

### Buchanan's Pumpkin Collections Save Money

Green Striped  
Cushaw  
Kentucky Field  
New England Pie  
King of the  
Mammoths

Price Coll. 4 Pkts. 25c  
1 Oz. Each 4 Varieties 50c



Japanese Pie Pumpkin





## Buchanan's Pure Bred Radish Seeds

**CULTURE**—Sow in open ground, in spring, as soon as the soil can be worked. Sow in rich, sandy loam, in drills 18 inches apart; thin plants to prevent crowding. Keep the soil loose and apply a little nitrate of soda. Successive plantings should be made every ten days or two weeks, to keep up a continuous supply of crisp and tender radishes. For early use plant the round or button radishes and olive shaped. For later use plant the long and half-long varieties, as they root much deeper and better resist heat and drought. What are known as winter radishes should be sown in August and September. All radishes should be sown thinly in drills one foot apart, seed covered  $\frac{1}{2}$  inch and kept clear of grass and weeds. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre. Our radish seed is of the very best, grown from carefully selected and transplanted roots.

All Prices on This Page Post Paid.

### Round and Turnip-Shaped Varieties

**340—BUCHANAN'S EPICURE RADISH**—One of the best early radishes for the home garden and a great favorite in large markets for early planting outdoors. It is but little later than Early Scarlet Turnip, White Tipped, Forcing and will give entire satisfaction where extreme earliness and small tops are not the chief consideration. The roots are nearly round, slightly flattened on the underside. The color is very bright, deep rose-carmine scarlet with a distinctly white tip. The flesh is white and of the best quality. The stock we offer is exceptionally attractive in its splendid coloring. The scarlet is unusually deep and affords a distinct contrast with the large, clear white tip. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**339—EARLY SCARLET TURNIP (White Tipped)**—One of the best early radishes for the home garden and a great favorite in large markets for early planting outdoors. The roots are nearly round, slightly flattened on the underside. The color is very bright, deep rose-carmine scarlet with a distinctly white tip. The flesh is white and of the best quality. The stock we offer is exceptionally attractive in its splendid coloring. The scarlet is unusually deep and affords a distinct contrast with the large, clear, white tip. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., 90c.

**351—BUCHANAN'S SCARLET GLOBE**—One of the earliest and best for forcing; color a very handsome shade of scarlet; mild flavor, crisp and juicy; stands a great amount of heat without becoming pithy. This variety does equally well for forcing and outdoor planting. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

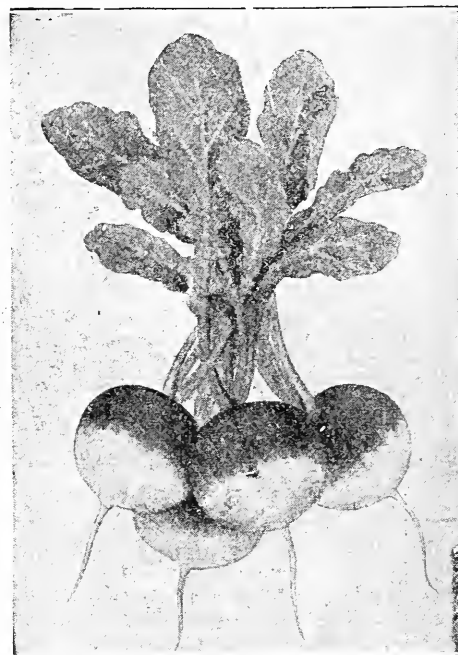
**338—EARLY SCARLET TURNIP**—A round, red turnip shaped radish with small tops and of very quick growth, deserving general cultivation on account of its rich, scarlet-red color, almost crimson, and its white, crisp and tender flesh. The roots often grow 1 inch long by 1  $\frac{1}{8}$  inches in diameter before becoming pithy. This is a splendid variety for early outdoor planting for the home garden and market. Pkt., 10c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., 90c.

**350—FRENCH BREAKFAST**—A quick growing, small olive shaped radish about  $1\frac{1}{2}$  inches long by  $\frac{5}{8}$  to  $\frac{3}{4}$  of an inch in diameter when fully grown. The color is beautiful deep rose-scarlet except a little clear white about the tip. This is an excellent variety for planting outdoors for the home garden. Its small tops and earliness make it also desirable for growing under glass. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., 95c.

**347—CRIMSON GIANT**—Suitable both for forcing or early planting out of doors. A remarkable feature is that it will grow double the size of other round red forcing Radishes and still remain solid, not showing the least sign of becoming hollow. In shape it is round to oval and very attractive. The flesh is mild and tender. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

**354—GOLDEN GLOBE**—This variety is of quick growth, affording crisp and tender radishes even in a very hot climate and is extensively grown in the South. The roots are uniformly globe-shaped, with skin of golden yellow color. They are about 2 inches long by  $2\frac{1}{4}$  inches in diameter when mature. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

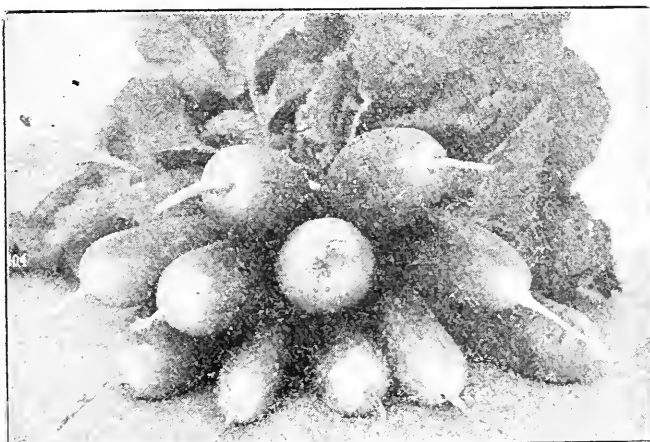
**344—BUCHANAN'S NEW PERFECTION**—This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much farther up than is the case with ordinary Scarlet Turnip White Tip Radish. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the vegetable garden. Pkt., 10c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.



Buchanan's Epicure Radish

### 353—MIXED RADISHES

Buchanan's Mixed Radishes contain some of each variety catalogued by us, except the winter varieties. It contains early, medium and late varieties, the round, half long and long. For home garden use we sell thousands of packages of this justly celebrated mixture every year, giving as it does a succession of crisp, tender radishes throughout the season from one sowing. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

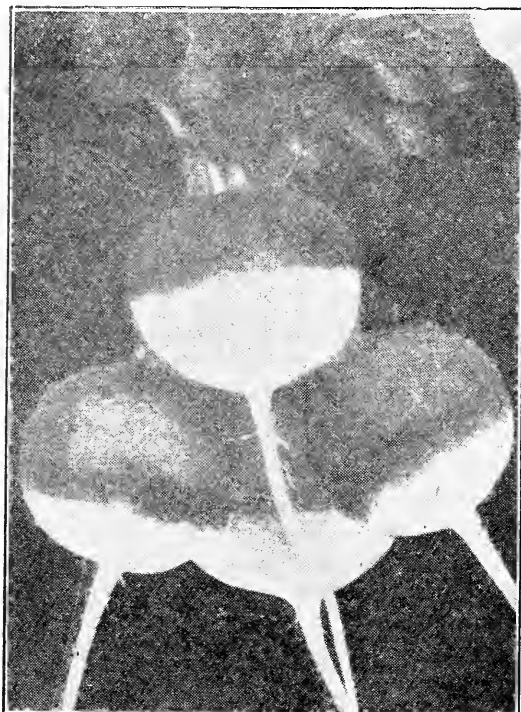


Buchanan's French Breakfast Radish

All Seeds listed on this page are delivered transportation paid in the U.S. or possessions. Order Early.



## Buchanan's Radish Seeds—Long Varieties



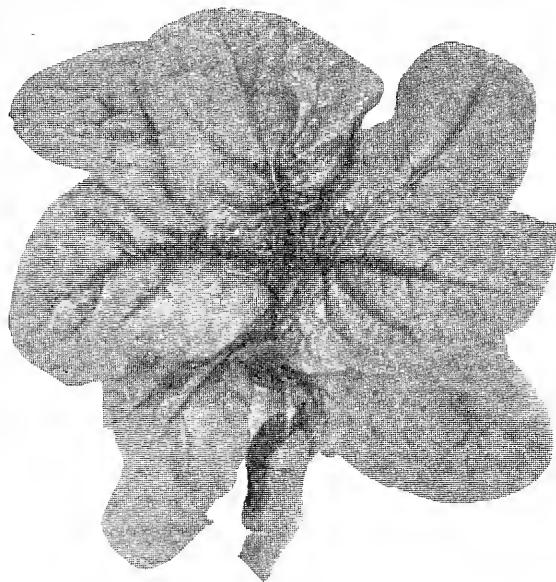
Radish, Early Scarlet White Tipped

## 337 BUCHANAN'S RADISH COLLECTION

SAVES MONEY

Buchanan's White Tipped, Buchanan's Scarlet Globe, Buchanan's Golden Globe, Long Scarlet Short Top, California Mammoth White.

Price, Coll. of 5 Pkts. . . . . 35c  
1 oz. Each . . . . . 60c



Bloomsdale Spinach

## Salsify, or Oyster Plant

Culture—One ounce is sufficient for 75 feet of drill; 5 to 6 lbs. to acre. Plant usually latter part of March, in rows from 2 to 2½ feet apart, thinning later to about 4 inches in the row. Does best in very rich soil.

364—MAMMOTH SANDWICH ISLAND—Pkt., 10c; 1 oz., 20c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50.

ALL PRICES ON THIS PAGE POST PAID.

352—CINCINNATI MARKET—This is the finest long radish to plant for shipment to Northern markets. It is the standard market radish in a number of Southern trucking centers, and is without a doubt the most profitable long variety in cultivation. The skin is scarlet colored, and very thin; the flesh is crisp, brittle, and of delightful flavor. The roots are slender and before becoming pithy are often 6 to 8 inches long by about 5/8 of an inch in diameter at the shoulder. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

341—HALF LONG DEEP SCARLET—The roots of this hardy and desirable sort are of a very brilliant, deep, rich red color and half long, with a somewhat tapering point; the flesh is very white, crisp and tender; of quick growth and seldom pithy. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

343—LONG SCARLET SHORT TOP—The best of the long red radishes. It is very early, of good size, fine quality; most largely planted of all long red radishes. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

345—WHITE VIENNA, or LADY FINGER—A medium early maturing, long white summer radish; roots are 6 to 7 inches long, white, slender and smooth. This variety grows more above the ground than the icicle and consequently is more or less tinged with green at the top of the root. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.60.

346—WHITE ICICLE—A very attractive, pure white radish, the earliest of the long, white summer sorts and of most excellent quality. The roots are somewhat shorter, with smaller tops than Long White Vienna and mature a little earlier. The roots when mature are 5 to 6 inches long by about 1/2 to 5/8 of an inch in diameter. Pkt., 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 95c.

355—CALIFORNIA MAMMOTH WHITE—The roots of this very large white winter sort grow 9 to 12 inches long, by 3 to 4 inches or more in diameter just below the shoulder, tapering regularly to the tip. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

349—LONG BLACK SPANISH—One of the latest and hardiest varieties for winter use; grows to large size; roots 8 to 9 inches long and 2 to 3 inches in diameter, nearly black in color. The flesh is white, very firm and of good quality; a very popular market variety. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

348—CHINA ROSE, WINTER—One of the very best winter sorts, roots are cylindrical, or largest near the bottom, stump-rooted, or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots are 4 to 5 inches long and 2 inches thick. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

## Spinach

Culture—One ounce to 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop sow early in the spring, in drills, 1 foot apart, and thin out to 2 inches in the row. For winter and early spring crop sow either broadcast or in drills about the first of September or later.

359—BLOOMSDALE CURLED SAVOY—A most valuable variety. In appearance the leaf is wrinkled in the same way as that of the Savoy Cabbage, hence the name. It produces nearly twice the bulk of crop as the ordinary sort, is fully as hardy, and in all other respects equal. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

358—BROAD LEAVED FLANDERS—One of the most vigorous, strong growing varieties. The leaves are nearly round, uniformly deep green, quite thick. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 75c; 5 lbs., \$3.00.

356—LARGE VIROFLAY THICK LEAF—A variety with very large, thick leaves, making it especially desirable where bulk is wanted. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

361—NEW ZEALAND—Grows 1½ ft. high and, if transplanted, two or three feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25; 5 lbs., \$4.75.

360—VICTORIA—One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. Pkt., (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c; 5 lbs., \$3.00.

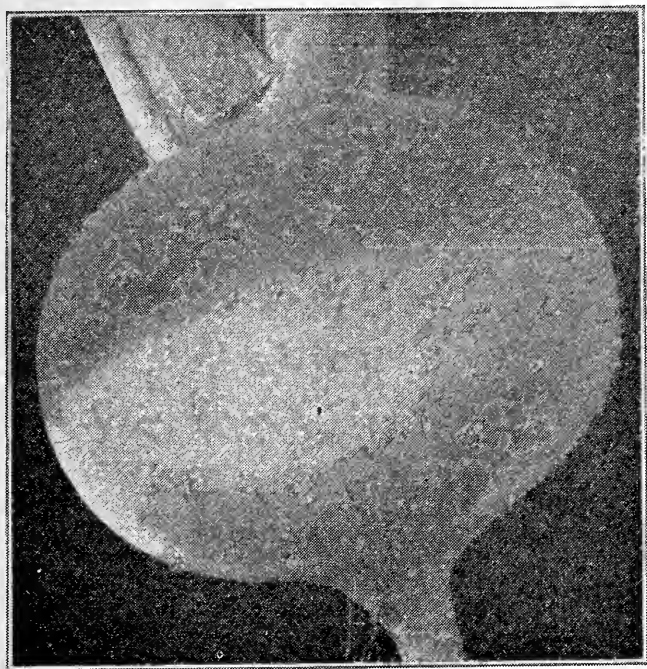
362—NORFOLK CURLED—Originated by the Virginia Truck Growers, who claim it will resist wilt much better than Bloomsdale Savoy, which it resembles. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 35c; 1 lb., 75c; 5 lbs., \$3.25.

357—KING OF DENMARK SPINACH—A very popular variety of recent introduction, and has proven very successful to grow in hot weather. The color is darker green than most varieties and the leaves are well crimped and very attractive. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 35c; 1 lb., 75c; 5 lbs., \$3.00.



## Buchanan's Turnip and Rutabaga Seeds

**CULTURE**—One ounce will sow 200 feet of drill; 1 to 2 lbs. for an acre. For early use, sow seed of flat varieties in open ground in spring, in drills 1 foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until May. For fall and winter sow in August and September. A good crop may often be grown by scattering seed thinly in the cornfield at the last cultivation.



### (402)—American Red Top White Globe

A large globular variety, very even in shape and of handsome appearance. The crown is purplish red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table use. The variety is a good keeper and a fine market sort. Pkt. (1 oz.), 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; 5 lbs., \$3.00.

### (395)—Large White Globe

Of perfect globe shape; skin white and smooth; leaves large and dark green. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

### (406)—Extra Early White Egg

Is very early, tender and crisp; the shape is oblong, resembling an egg. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.25.

### (396)—Extra Early Purple Top Milan

Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra early garden turnip. Pkt. (1 oz.), 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; 5 lbs., \$3.00.

### (401)—Mammoth Purple Top White Globe

Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c; 5 lbs., \$2.25.

### (397)—Long White Cowhorn

A very productive, quick-growing turnip, of excellent quality, fine-grained and very sweet. Often used as a soil improver. Pkt. (1 oz.), 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; 5 lbs., \$3.00.

ALL PRICES ON THIS PAGE POST PAID.

### 415—Buchanan's Big 7-Turnip Collection, 50 Cents

The most popular of all turnip collections. This gives every family in the South a full supply of early, medium and late turnips. No other house offers you such a bargain in turnip seed as this. For 50 cents we will send you post paid one ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Improved American Rutabaga and Seven Top—7 ounces of Turnips, all different, for 50 cents, delivered at your postoffice. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this spring, what you hold over is perfectly good for your late summer and fall sowing. 7 OUNCES, 7 VARIETIES, 50 CENTS.

### (403)—Early White Flat Dutch Strap Leaf

A very quick-growing white variety, adapted for spring sowing. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

### (399)—Red or Purple Top Flat Strap Leaf

An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

### (411)—Purple Top Yellow Aberdeen

A medium-size, round, late-maturing yellow turnip. Roots yellow with purple crown; flesh pale yellow. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

### (413)—Amber Globe or Golden Ball

Grows to a large size, skin yellow, with green crown. Flesh yellow. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

### (405)—Buchanan's Mixed Turnip

A mixture of all varieties, lasting from early fall to the following spring. Pkt. (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

### (400)—Seven Top

Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter. Pkt., (1 oz.), 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

### (404)—Southern Prize

Superior to Seven Top as usually sold and extensively grown in the South, where the tops furnish an abundance of cuttings. These are valued highly for salad or greens. The roots of Southern Prize are valuable as well as the tops. Pkt. (1 oz.), 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c; 5 lbs., \$3.00.

## RUTABAGA

### (418)—Improved Purple Top Yellow

Grows the same shape and size as Purple Top Globe Turnips. Color of skin yellow with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Pkt. (1 oz.), 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 55c; 5 lbs., \$2.50.



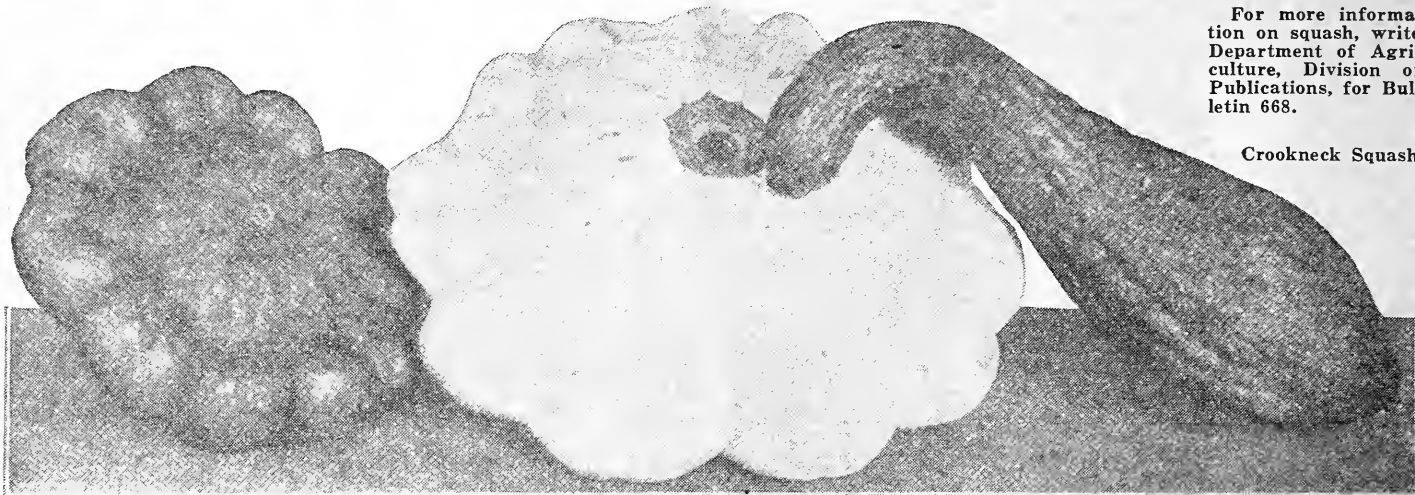
**R.B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

Golden Custard.

Buchanan's White Bush Squash

For more information on squash, write Department of Agriculture, Division of Publications, for Bulletin 668.

Crookneck Squash.



**CULTURE**—Squash will not stand frost and cold nights, hence plantings should not be made until danger of frost and cold nights is over. Work the soil deeply before planting. For the bush varieties, hills should be 3 to 4 feet apart each way, 6 to 10 seeds in each hill, covering seed about 1 inch. Thin out to 2 plants after rough leaves are formed. One or two shovelfuls of well-rotted manure to each hill, thoroughly worked into the soil, is advantageous. Hoe often, keeping down all weeds and grass. Keep surface soil loose, but do not disturb the plants.

**ALL PRICES ON THIS PAGE POST PAID**

**368—EARLY WHITE BUSH**—The well known White Scalloped Squash. One of the earliest to mature, very productive; skin and flesh a light cream color. Similar to Mammoth White Bush except finer grained and not so large. A very popular variety for shipment to Northern markets from Florida as well as being a general favorite for home gardeners everywhere. Pkt., 10c; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

**369—MAMMOTH WHITE BUSH**—Similar to Early White Bush. They are larger and more uniform in shape, and about five days later. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25.

**371—GOLDEN SUMMER CROOKNECK**—Bush variety, early and prolific; surface deep yellow, densely warted, quality and flavor good. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25.

**372—GIANT YELLOW CROOKNECK**—The best summer variety. Fruit is large, bright yellow, and covered with warts. Pkt., 10c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50.

**367—GOLDEN CUSTARD**—A flattened, scalloped bush squash of the largest size. Flesh is pale yellow and of very fine flavor. Except for color, this squash is identical with the Mammoth White Bush. This is a splendid yellow variety to plant. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

**373—DELICIOUS**—A fall or winter sort, of medium size; top-shaped in form, dark green in color. The flesh is dark orange, very sweet, dry and delicious. An excellent keeper. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.35.

**374—HUBBARD**—One of the best winter squashes; flesh bright orange yellow, fine-grained, very dry, sweet and richly flavored. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50.

**366—SQUASH—KITCHEN GARDEN COLLECTION**—White Bush, Yel. Summer Crookneck, Golden Custard  
Price of Collection, 3 pkts., 25c; 1 oz. each, 55c.

## Buchanan's Tomato Seeds



Early Detroit

**375—ACME (Pink)**—A well-known, hardy, early and productive sort; fruit of fair size, round and smooth; color purplish pink. Acme is solid and of excellent flavor. Pkt., 10c; ½ oz., 15c; 1 oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1 lb., \$2.50.

**376—BEAUTY (Pink)**—A productive main crop variety; fruits large and exceptionally smooth, solid and of excellent quality; color purplish-pink. This is one of the best mid-season or main crop varieties for table use. Pkt., 10c; ½ oz., 15c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 75c; 1 lb., \$2.25.

**377—BUCHANAN'S BEEFSTEAK (Red)**—It is of remarkable size, frequently weighing a pound or more. Color brightest crimson scarlet; very solid, with few seeds, and ripens evenly to the stem. Very productive and early, considering its size. Pkt., 10c; ½ oz., 25c; 1 oz., 40c; 2 oz., 75c; ¼ lb., \$1.00; 1 lb., \$3.75.

**389—EARLY DETROIT (Purple)**—This splendid variety is the largest and best of the early purplish pink tomatoes. The fruits are very smooth, uniform in size, nearly globe-shaped, firm and of excellent quality. Early Detroit is most valuable as a shipping variety, as well as for home or market use. Pkt., 10c; ½ oz., 15c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 90c; 1 lb., \$3.00.

All Collections of Seeds listed in catalogue are delivered transportation paid in the U. S. or possessions. **ORDER EARLY.**



## Buchanan's Tomato Seeds

**CULTURE**—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hotbeds during March. When the plants are 2 inches high transplant into cold frame, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. To insure best results, it is advisable to train tomato vines to stakes or trellises. Cultivate often, and as long as the plants permit.

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**381—BUCHANAN'S PONDEROSA (Purple)**—An exceptionally large, purple-fruited tomato, and for home use one of the best; fruits very solid, with few seeds. We have a very much improved stock of this variety which lacks considerable of the roughness and tendency to split which it formerly possessed. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50.

**388—LIVINGSTON'S GLOBE (Pink)**—A variety of almost perfect shape. Medium size and purplish-pink color. Used very largely for greenhouse planting; also grown extensively in the South for shipping to Northern markets. It is early, productive, of very fine flavor, and so firm and solid that it is a splendid shipper. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; 1 oz., 35c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.00.

**382—STONE (Deep Red)**—The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. The most popular of the late or main crop sorts. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**384—BUCHANAN'S "DWARF GIANT"**—This is much the largest fruited of all dwarf tomatoes. The color is a rich purple crimson and the depth of color is maintained throughout the entire fruit. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50.

**387—TRUCKER'S FAVORITE (Purple)**—A popular purple-fruited, on the order of the Beauty, and of the same general habit of growth; the fruit is, however, more flat. It is a main crop variety, maturing the same as Favorite, and equally as productive. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; 1 oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00.

**383—RED ROCK (Bright Red)**—A very fine selection of the Matchless type; medium early, round, smooth and bright red; makes a good canning variety. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; 1 oz., 30c; 2 oz., 50c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$3.00.

**392—JUNE PINK**—(A Pink Earliana)—Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of 6 to 8 medium size, uniform, smooth and attractively shaped fruits. Bushes are compact yet branch freely. Excellent for shipping, a favorite with the market gardener for an early purplish pink tomato, and always a delight in the home garden. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50.

**391—BUCK BRAND TOMATO (Red)**—Produces the most perfect high crown tomato ever grown. They ripen evenly right up to the stem, are a brilliant red color, almost seedless, uniform in size, and bear 100 to 120 fruits to the vine. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

**390—BONNY BEST**—The fruits of this desirable early sort are most attractive in shape and color. The crop ripens more uniformly than any other early scarlet fruited sort, and is of superior solidity and interior color. The vines are vigor-

ous and produce a good crop of exceptionally round and deep fruits, bright deep scarlet in color and of very good quality. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50.

**394—GULF STATE MARKET**—Although this variety was developed primarily to meet the demands of tomato growers who ship to distant markets, its many excellent qualities make it also a very desirable sort for the home gardener or the grower for local markets. Fruits medium to large, round or globe shaped, show but little depression about stem and are smooth and free from cracks. Color deep purplish pink ripening well about the stem. The skin is firm and the flesh solid. Unsurpassed by any as a shipping variety and one of the most desirable home or market garden sorts. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 50c; 2 oz., 80c;  $\frac{1}{4}$  lb., \$1.35; 1 lb., \$4.50.

**379—FAVORITE (Red)**—Very prolific, solid and ripens early and evenly; smooth, free from cracks, holds its size till end of season and of first-class quality. Fine canner; color dark red. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; 1 oz., 30c; 2 oz., 50c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00.

**380—GOLDEN QUEEN (Yellow)**—Large, smooth fruits, of a beautiful golden color; quality excellent; attractive for slicing and mixing with sliced red sorts. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; 1 oz., 50c; 2 oz., 90c;  $\frac{1}{4}$  lb., \$1.20; 1 lb., \$4.00.

**385—DWARF STONE (Deep Scarlet)**—This is the best of the dwarf tomatoes, although rather late in maturing. The fruits are large, smooth, round, very solid, and of a deep scarlet color. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; 1 oz., 50c; 2 oz., 90c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.00.

**378—EARLIANA (Bright Scarlet)**—The earliest and best of the very early tomatoes; very productive for an early sort; fruits are of fair size, round, very smooth and solid, and produced in clusters in center of the plant; color bright scarlet. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.75.

**386—JOHN BEAR (Red)**—This variety produces largest fruit of the extra early sorts. Fruits are large, nearly round, smooth, firm, of excellent quality; color bright red. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; 1 oz., 30c; 2 oz., 50c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$2.50.

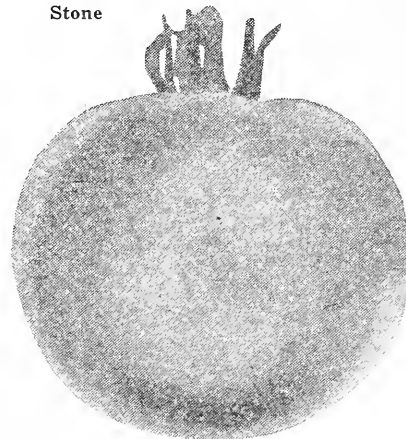
### (393)—Tomato Collection

Save 30 per cent on your tomato seed by buying this bargain collection—one package each of the following popular varieties: Gulf State Market, Stone, Acme, Ponderosa and Earliana—actual value, 50c; post paid Price of Collection, 5 pkts., 35c; 1 oz. each, \$1.75.

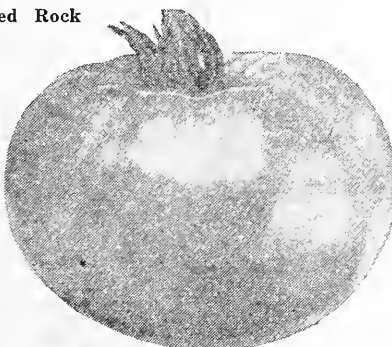
### Tomato Plants

For Tomato Plants, turn to Page 2.

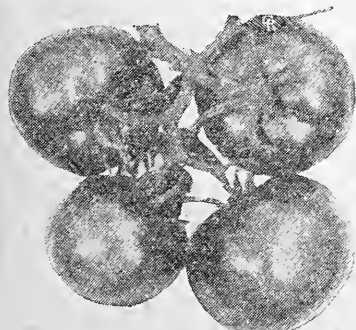
Stone

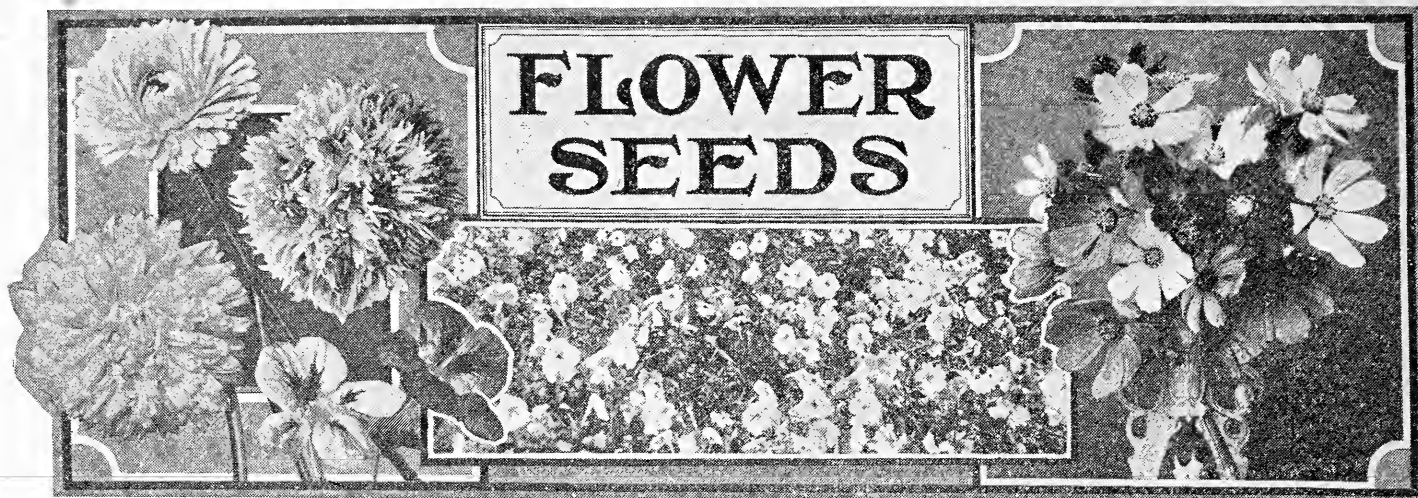


Red Rock



Dwarf Giant





## Buchanan's California-Grown Flower Seeds

CULTURAL DIRECTIONS are printed on the packets. By following them almost any person will have fair success in the culture of flowers. While some seeds need special treatment, the following general rules will apply to all: Make the surface of the soil as fine, smooth and level as possible; do not plant when the ground is wet; cover each lot of seeds to a uniform depth, which should not be more than four or six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the starting plants can be seen easily, thin out the young plants to prevent crowding and keep entirely free from weeds. Never allow the seedlings to suffer from drouth.

We devote the next 12 pages of this catalogue to flower seed, and want you to know that our flower seed are grown in California by a grower who has had a generation of experience—grows more than 1000 acres in flowers, and was awarded a gold medal on Dahlia Flowered Zinnias by the Royal Horticultural Society of England at their London Show in 1924.

We give the same careful attention to flower seed as to vegetable and field seed and after 19 years' experience, believe that there is no finer flower seed grown than those offered here—pay particular attention to pages 48 and 49 on Zinnias.

### Ornamental and Foliage Plants

Amaranthus Canna Coleus  
Kochia Ricinus



Snap Dragon (Antirrhinum)

#### All Prices on this Page Post Paid

	Pkt.	Oz.
500 ADONIS (Aestivalis, Flos Adonis, One Foot). Pretty little plant with feathery, fresh green foliage, dotted with innumerable small blood-red flowers.....	10	.50
AGERATUM. One of the best summer-blooming plants. They are rapid growers and constant bloomers. During the hot, dry summer months their bright flowers are produced in the greatest profusion of charming blue or white flowers.		
501 LITTLE GEM (Blue).....	10	.60
502 MIXED.....	10	.50
504 LITTLE GEM ALYSSUM. The finest white variety having large flowers. Very fragrant.....	10	.75
505 SWEET ALYSSUM. The regular type, strong grower, free bloomer.....	10	.40
508 AMARANTHUS (Mixed). Brilliant foliage plant. Useful for bedding.....	10	1.00

ANTIRRHINUM (Snap Dragon). Beautiful spikes of gaily colored flowers. They are one of the best cut flowers which can be grown from seed, while for beds or borders they are a pleasure, being in flowers all the time if placed in a sunny position.

#### TALL FLOWERING VARIETIES

	Pkt.	1/4 Oz.
510 BUTTERFLY, STRIPED.....	10	.50
511 GOLDEN KING (Yellow).....	10	.50
512 VENUS (Pink and White).....	10	.50
513 ROSE QUEEN (Rose Pink).....	10	.50
514 FIREFLY (Scarlet).....	10	.50
517 Buchanan's Collection of Tall Flowering Antirrhinum (Snap Dragon). One packet each of five separate colors..	40c	

#### ANTIRRHINUM MIXED

515 TALL MIXED.....	10	.40
516 DWARF MIXED.....	10	.40

#### AQUILEGIA (Columbine)

520 SINGLE (Finest Mixed).....	10	.50
521 DOUBLE (Finest Mixed).....	10	.50

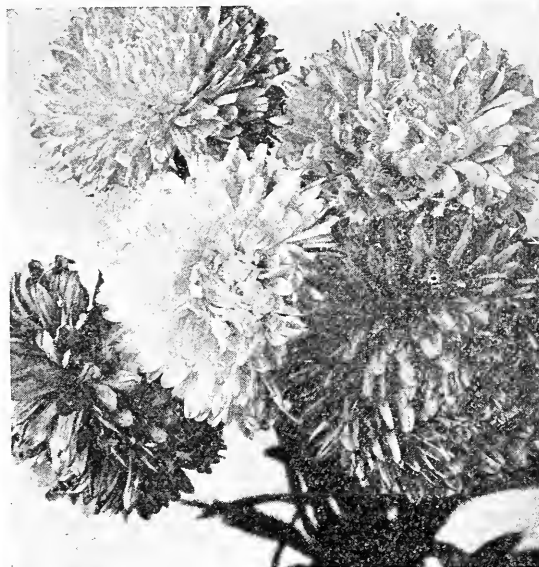
Seeds listed on this page are delivered transportation paid in the U. S. or possessions. ORDER EARLY.





All Prices on this Page Post Paid

	Pkt.	1/4 Oz.
<b>ASTERS.</b> This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high. Sow the seed early in the spring, under glass or in pots, in the house, and transplant into rich soil.		
<b>GIANT COMET ASTER.</b> Flowers of immense size, often 6 inches across. Long, wavy, twisted petals, gracefully formed into loose yet dense globe, resembling Chrysanthemums, 12 to 16 inches in height.		
522 PURPLE	524 CLEAR ROSE	
523 PURE WHITE	525 LIGHT BLUE	
526 SCARLET		
Price, any of the above varieties.....	10	.65
532 Buchanan's Collection of Giant Comet Asters. One packet each of four separate colors.....	30c	
527 GIANT COMET MIXED.....	10	.50
528 ASTER (Peony Flowered). Large and double mixed.....	10	.75
529 ASTER (Victoria). Imbricated petals; large flowers.....	10	.75
530 ASTER (China, Mixed). Well known, hardy variety.....	10	1.00
531 IMPROVED BRANCHING. Large flowers; mixed.....	10	.75
<b>BACHELOR'S BUTTON (Gomphrena).</b> Bushy plants, about 2 feet high. The flowers are useful for dried winter bouquets. If cut before they are fully ripe and allowed to dry in a dark, airy room, they will retain their color the whole winter season.		
534 Mixed Colors.....	10	.25
536 BALLOON VINE. A rapidly-growing annual climber, with white flowers and inflated seed pods which look like small balloons. Succeeds best in warm soil; 10 feet.....	10	.15
<b>BALSAM (Touch-Me-Not).</b>		
537 BALSAM (Camellia Flowered Mixed).....	10	.25
538 BALSAM APPLE.....	10	.25
539 BALSAM (Pear).....	10	.25
540 BEANS (Scarlet Runner). 15 feet. This bean produces a rapid growing vine and makes clusters of showy scarlet bloom.....	10	....
<b>BELLIS (English Daisy).</b> It blooms from early spring to well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results new plants should be raised from seed each year.		
541 Double Mixed.....	10	1.00
544 BRACHYCOME (Swan River Daisy). Dwarf annuals, which bloom nearly all summer. Suitable for baskets and edgings. Mixed Colors.....	10	.30
<b>CALENDULA (Pot Marigold).</b> Calendulas bloom all summer and thrive anywhere, especially in city gardens. The graceful, star-shaped flowers exhibit every shade of yellow from ivory to deep orange. Well adapted for cutting, being borne upon long stems.		
545 Mixed. All the double sorts.....	10	.25
<b>CALLIOPSIS.</b> Showy, beautiful, free-blooming plants, producing large, bright flowers of rich and charming colors throughout the entire summer. Mainly hardy annuals; 1 to 2 feet high.		
546 Best Mixed.....	10	.25



Comet Asters



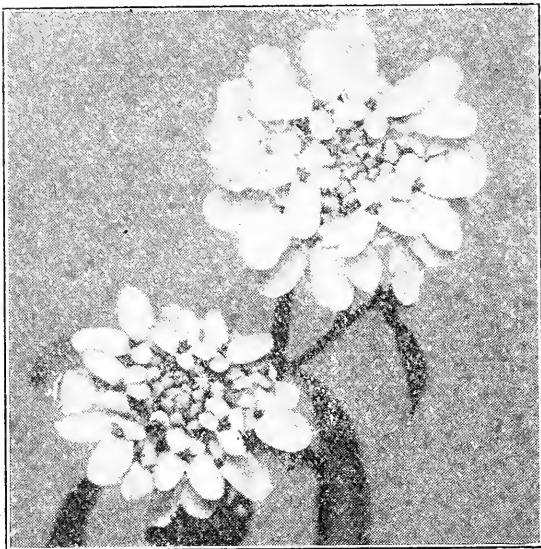
Balsam



Calliopsis

## FOR CUT FLOWERS

Antirrhinum, Asters, Brachycome, Calendula, Calliopsis, Celosia, Candytuft, Carnation, Chrysanthemum, Cosmos, Dahlia, Daisies, Dianthus, Forget-Me-Not, Gaillardia, Gerbera, Larkspur, Marigold, Mignonette, Nasturtiums, Nigella, Poppies, Salpiglossis, Salvia, Scabiosa, Sweet Peas, Schizanthus, Stocks, Sunflower, Sweet Rocket, Thunbergia, Zinnias.



Candytuft



Canterbury Bell



Morning Glories

## All Prices on this Page Post Paid

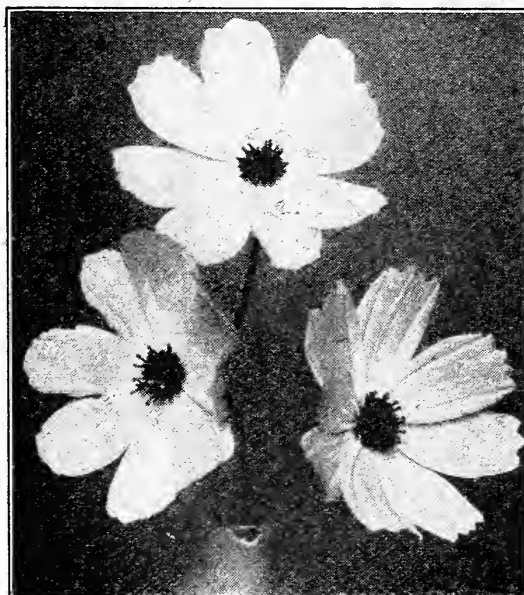
		Pkt.	1/4 Oz.
547	CANARY BIRD VINE. Grows to a height of 15 feet. Has beautiful foliage and yellow flowers. ....	10	...
	CANDYTUFT. A dwarf annual of easiest culture; free-blooming, showy, and useful for beds, borders and edgings. Sow seeds where plants are to bloom, in rows 6 or 8 inches apart, thinning out to afford plenty of room, as they branch quite freely. Height 1 ft.		
548	Mixed .....	10	.25
	CANNAS (Indian Shot). These very attractive summer bedding plants can be grown readily from seed. The seed is extremely hard and should be soaked in warm water until swollen. Sow singly in small pots of sandy soil and set in a warm place, preferably a hotbed or sunny window. Set out in June where they are to flower.		
549	Large-Flowered Mixed .....	10	...
	CANTERBURY BELL. Handsome, hardy biennial of stately growth, rich color and profuse bloom. Has large bell-shaped flowers, are effective in various colors. Height 2 to 4 feet.		
550	Mixed .....	10	.75
551	CARDINAL CLIMBER. A new and brilliant colored annual climber. Flowers glowing scarlet. 1 1/2 inches in diameter, the tube being 1 1/4 inches in length. Vines attaining a height of from 20 to 30 feet. ....	10	.60
	CARNATION. Although half-hardy perennials, they begin flowering in a few weeks from time of sowing. They are especially adapted for outdoor culture.		
552	Margaret—Giant Mixed. Immense double flowers. ....	10	1.00
	CELOSIA (Cockscomb). 1 foot. Of easy culture. Thrives in light soil. Fine border plants, in bloom from mid-summer until frost. When grown as large specimens they are of unrivaled beauty. For filling flower beds and borders these plants are now largely used during summer in city parks.		
555	Tall Cockscomb, Mixed .....	10	.50
556	Dwarf Cockscomb, Mixed .....	10	.75
	CHRYSANTHEMUM. Very showy and easily grown, producing single and double flowers of various colors.		
560	Single Mixed. Fine for cutting and makes a pretty display in the garden. ....	10	.40
561	Double Mixed. Many colors, red, white, yellow, pink and rose. ....	10	.50
562	COBEA SCANDENS (Cup and Saucer Vine). A climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc.; large.		
	Mixed .....	10	.25
	COLEUS. Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns, and ribboning, they are indispensable, and also valuable for pot culture.		
563	Choice Mixed .....	10	...
	CONVOLVULUS (Morning Glory). Thrives anywhere. Showy flowers in a variety of colors. Sow where plants are to bloom.		
564	Major (Pink) .....	10	.20
565	Major (Blue) .....	10	.20
566	Major (Rose) .....	10	.20
567	Major (Crimson) .....	10	.20
568	Major (Mixed) .....	10	.20
570	Major (Double Mixed) .....	10	.20
569	Japanese Mixed. New improved Japanese Convolvulus flowers measuring from 4 to 5 inches across; great variety of colors. ....	10	.20
	CORNFLOWER. A graceful, old-fashioned plant, which blooms freely throughout the entire summer and usually re-seeds itself. They will grow in most any soil, and are in great demand as cut flowers.		
572	Double Blue .....	10	.25
573	Double Mixed .....	10	.25



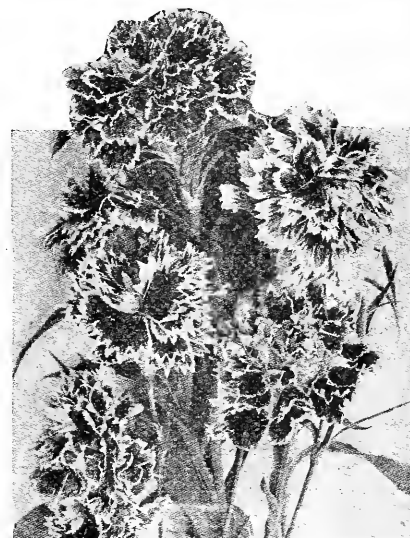
BUCK BRAND TESTED SEEDS

All Prices on this Page Post Paid

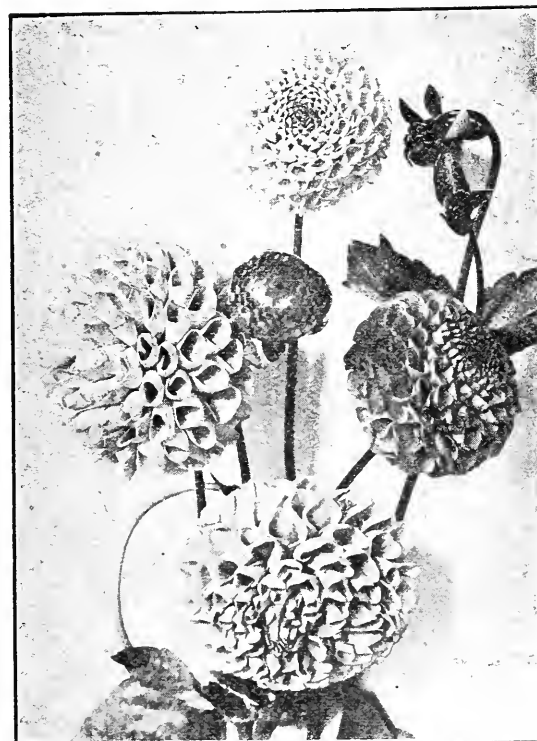
	Pkt.	$\frac{1}{4}$ Oz.
<b>COSMOS (Giant).</b> Flowers measure from 4½ to 5 inches across, petals fringed, pinked, toothed and plain, and in colors from pure white through shades of pink and red to rich dark red.		
575 <b>Giant White,</b>	576 <b>Giant Crimson</b> .....	.10 .20
577 <b>Giant Pink,</b>	579 <b>Giant Mixed</b> .....	.10 .20
578 <b>Klondyke.</b> Large, orange-colored flowers.....		.10 .20
580 <b>Early Flowering—Mixed</b> .....		.10 .40
<b>585 WILD CUCUMBER.</b> It will reach a height of 30 feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by quantities of ornamental and prickly seed pods.....		
	.10	....
<b>586 CYPRESS VINE.</b> 15 feet; rapid growing climber; fine for trellis; star-like red and white flowers and feathery foliage....		
	.10	.20
<b>DAHLIA.</b> A favorite for autumn flowering, blooming the first season from seed if started early. The flowers are so symmetrical and perfect and the range of colors so wide and varied that they will always be popular where display is wanted.		
588 <b>Finest Single Mixed.</b> Will produce brilliant flowers running through a wide range of striking colors.....	.10	.50
589 <b>Finest Double Mixed.</b> Seeds saved from choicest double flowers, including shades of red, pink, dark maroon, yellow, white, etc.....	.10	1.00
590 <b>Cactus—Mixed</b> .....	.10	1.00
(See Page 53 for Dahlia Bulbs)		
<b>593 DAISY (Shasta).</b> Flowers snowy white with yellow center; freely produced on strong, wiry stems, about 2 feet in length..		
594 <b>Double Mixed</b> .....	.10	.75
	.10	.75
<b>DELPHINUM (Hardy Perennial Larkspur).</b> Among the best plants for mixed borders. Perennial Larkspurs grow better than annual varieties; they should be planted further apart.		
600 <b>Single Mixed,</b>	601 <b>Double Mixed</b> .....	.10 .75
<b>DIANTHUS OR PINKS.</b> An old favorite which blooms constantly all summer. The flowers are brilliantly colored and very fragrant.		
602 <b>Heddewegi (Japanese Pinks).</b> Large double flowers with brilliant colorings. They bloom from June until frost if faded flowers are kept cut.....	.10	.25
603 <b>Chinese—Double Mixed</b> .....	.10	.25
604 <b>Chinese—Single Mixed</b> .....	.10	.25
<b>ESCHSCHOLTZIA (California Poppy).</b> A hardy free-flowering annual, growing about 15 inches high and producing quantities of single, poppy-shaped blooms in shades of yellow, orange and red. Flowers over a long period.		
606 <b>Mixed</b> .....	.10	.35
<b>610 FORGET-ME-NOT.</b> A pretty little old-fashioned perennial, producing its flowers in early summer. Quite hardy once it is established.....		
	.10	.35
<b>FOUR O'CLOCK (Marvel of Peru).</b> A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name.		
612 <b>Mixed</b> .....	.10	....
<b>FOXGLOVE (Digitalis).</b> Grows to the height of 3 or 4 feet, with dense spikes of brilliantly colored flowers which are terminal and half as long as height of plant.		
613 <b>Mixed</b> .....	.10	.50



Cosmos



Dianthus or Pinks



Double Dahlia

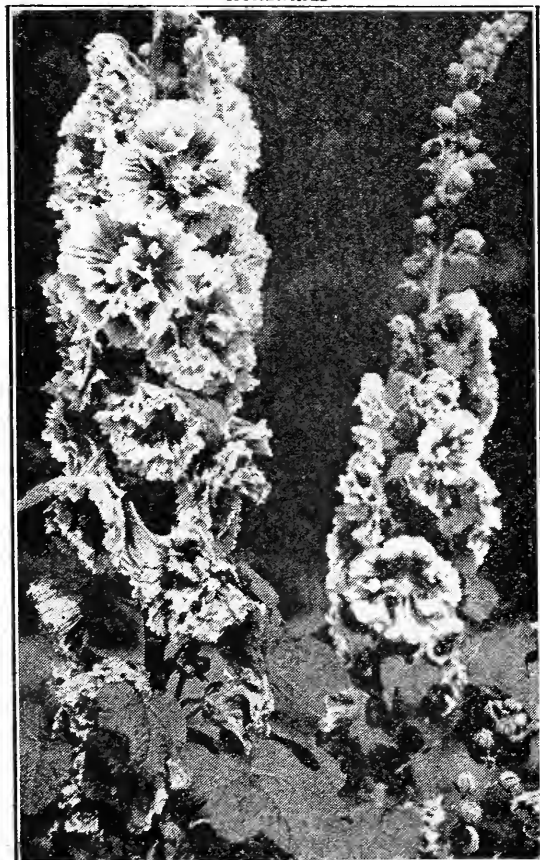




Gaillardia



Helianthus



Hollyhocks

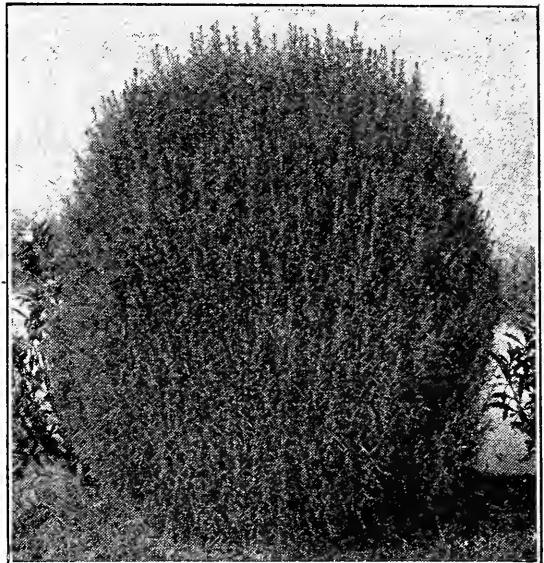
All Prices on this Page Post Paid		Pkt.	1/4 Oz.
615	<b>GAILLARDIA (Blanket Flower)</b> —Remarkable for the profusion, size and brilliancy of their flowers. Continuing in bloom from early summer till November; excellent for beds, borders or for cutting; should be sown where they are to bloom; 1 1/2 feet. Fine colors, mixed.....	.10	.35
616	<b>GERBERA (Transvaal Daisy).</b> Mixed.....	.10	....
617	<b>GODETIA.</b> Sow in the open ground in the early spring. They are profuse and constant bloomers, and their delicate tints of crimson, rose-pink and white make them very attractive when in full bloom. Half dwarf varieties mixed.....	.10	.35
620	<b>GOMPHRENA (Globe Amaranth).</b> A desirable everlasting, valued for its handsome, globular heads of flowers which can be dried and used in winter bouquets. Mixed.....	.10	.25
622	<b>GOURDS.</b> A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. <b>Calabash Pipe Gourd,</b>	.10	.20
624	<b>Dish Rag or Luffa,</b>	.10	.20
626	<b>Sugar Trough,</b>	.10	.20
628	<b>Mixed</b> .....	.10	.20
623	<b>Dipper Gourd</b> .....	.10	.20
625	<b>Orange Gourd</b> .....	.10	.20
627	<b>Nest Egg Gourd</b> .....	.10	.20
630	<b>GYPSOPHILA (Baby's Breath).</b> Graceful plants of fairy-like foliage. Flowers—White,	.10	.25
631	<b>Mixed</b> .....	.10	.25
632	<b>HELIANTHUS (Sunflower)</b> —3 to 6 feet. The state flower of Kansas. Of easiest culture. Suitable for backgrounds, screens and to plant among shrubbery. In bloom from June until frost. Dwarf Mixed	.10	.20
633	<b>Tall Mixed</b> .....	.10	.20
634	<b>Stella (Miniature Sunflower).</b> Plants grow 3 feet high with many spreading branches. Their large single golden-yellow flowers with black centers are excellent for cutting.....	.10	.35
635	<b>HELICHRYSUM (Straw Flower).</b> Bright, attractive summer blooming annual, of free growth, producing in abundance large double red, white, yellow flowers. Mixed.....	.10	.15
636	<b>HELIOTROPE.</b> Always popular on account of its delightful fragrance. The seed is rather slow in starting and had best be sown in boxes or in a hotbed. While it is a perennial, it will not stand any frost and is therefore started afresh each year, unless one cares to remove the plants to the house before frost comes. Can be started from cuttings. Mixed.....	.10	.50
637	<b>HOLLYHOCK.</b> Grand summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. They are old inhabitants of our gardens, but are now so improved in doubleness and enlarged in size, under our special culture and hybridization, as to be revelations of gorgeous beauty to those who have not seen these improved sorts. Single Mixed.....	.10	.90
638	Double Mixed.....	.10	.90
640	Double, Red.....	.10	.90
641	Double, White.....	.10	.90
642	Double, Pink.....	.10	.90
643	<b>Buchanan's Collection Hollyhocks.</b> One packet each of three separate colors.....	25c	



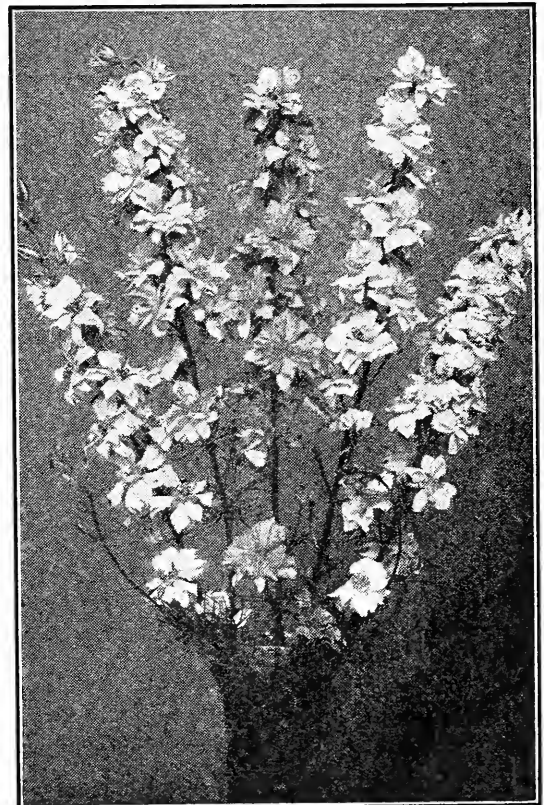
**R.B. BUCHANAN SEED CO. MEMPHIS, TENNESSEE.**  
**BUCK BRAND TESTED SEEDS**



All Prices on this Page Post Paid		Pkt.	$\frac{1}{4}$ Oz.
644	<b>HUMULUS (Japanese Hop Plant).</b> Climber; 12 feet; grows very rapidly. Has dense leaves; is valuable for covering trellis or porch.....	.10	.25
	<b>HYACINTH BEAN.</b> Annual climbers, of rapid growth, 10 feet high, with wistaria-like clusters of flowers, followed by bronzy-purple seed pods.		
645	<b>Purple.</b> Attractive rose-violet flowers with dark ruby-purple seed pods.....	.10	....
646	<b>Mixed</b> .....	.10	....
649	<b>ICE PLANT.</b> A simple trailing plant. Covered with watery vesicles resembling pieces of ice. Suitable for hanging baskets	.10	.35
650	<b>IVY.</b> A climbing vine used mostly on brick walls and brick buildings.....	.10	....
651	<b>JOB'S TEARS—A—2 feet.</b> Broad corn-like leaves and hardy, shiny seeds.....	.10	....
653	<b>KOCHIA—Mexican Fire Plant or Summer Cypress.</b> Makes a pyramidal-shaped, cypress-like bush with feathery light-green foliage, deepening until it becomes a lovely crimson hue about September. Excellent for hedges along garden walks.....	.10	.15
	<b>LANTANA.</b> Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer, remains in bloom late in autumn. They have an agreeable aromatic perfume.		
654	<b>Dwarf Hybrids—Mixed</b> .....	.10	.35
	<b>LARKSPUR.</b> Popular garden annuals. This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. The spikes of flowers are of varied shades of red, blue, white, etc. They are of easy culture, thriving in almost any soil—but a sunny situation suits them best. They are of long-continued bloom, keeping up a bright display until cut down by frost.		
656	<b>Exquisite Pink</b> .....	.10	.35
657	<b>Dark Blue</b> .....	.10	.35
658	<b>Lustrous Carmine (Newport Pink)</b> .....	.10	.35
659	<b>Emperor Mixed.</b> Produces an abundance of long, slender spikes in the most delicate colors.....	.10	.35
660	<b>Buchanan's Collection of Larkspur.</b> One packet each of three separate colors.....	25c	
663	<b>LINUM (Crimson Flax).</b> One of the most brilliantly colored of summer annuals, flowers glowing crimson-rose. Very beautiful in beds and borders, and may be had in bloom from May to October by successive sowings.....	.10	.35
664	<b>LOBELIA.</b> Lobelias require rich soil and plenty of water. The annual varieties, 4 to 6 inches, are extensively used for edging baskets and urns. Mixed.....	.10	.50
	<b>MARIGOLD.</b> In late summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted.		
655	<b>African Tall Double—Mixed</b> .....	.10	.40
666	<b>Orange Queen.</b> Large, perfect double quilled, flowers of a rich, deep, golden-orange color. Very attractive.....	.10	.60
667	<b>Lemon Queen.</b> These are lemon color, but the formation of the flower is exactly like the Orange Queen.....	.10	.60
668	<b>French Dwarf Double Mixed</b> .....	.10	.35



Kochia

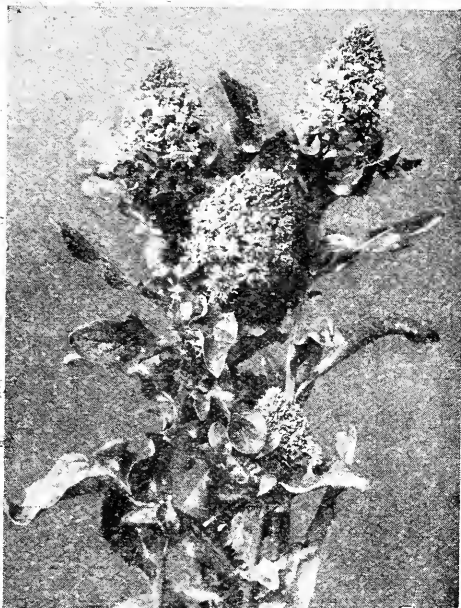


Larkspur



Marigold

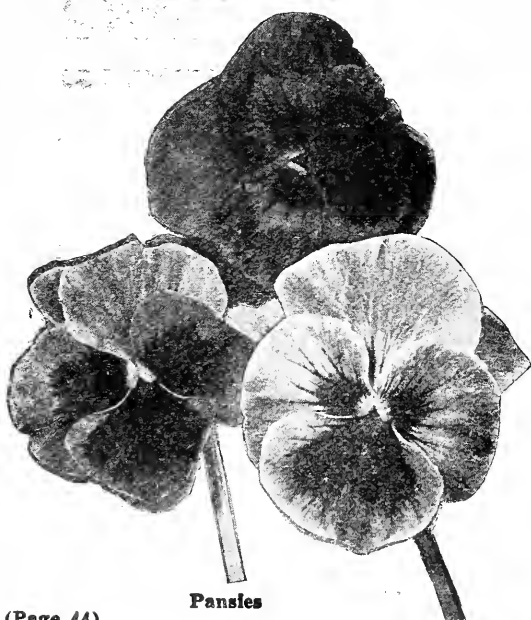




Mignonette



Nasturtium



Pansies

## All Prices on this Page Post Paid

	Pkt.	$\frac{1}{4}$ Oz.
<b>MIGNONETTE.</b> No garden is complete without this fragrant, modest-colored flower. Mignonette can be had in bloom at almost any time during the year. The flowers grow closely together in cone-shaped spikes. Splendid in bouquets of more pretentious flowers.		
670 <b>Machet.</b> This improved Machet Mignonette produces broad, cone-shaped spikes of very fragrant red flowers on strong stems, dressed with vigorous foliage, evenly branched and of continuous-blooming habit; one of the best for either garden or pot culture.....	.10	.50
671 <b>Sweet.</b> Large flowered, very sweet; light yellowish white....	.10	.35
<b>MOON FLOWERS.</b> Tall growing annual climber, related to the family of Morning Glories; have dense foliage; they are useful to cover trellis work, verandas, etc. Plant seeds out of doors when warm weather sets in. Soak them first.		
672 <b>White Hybrid.</b> At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers	.10	....
673 <b>Bona Nox.</b> Large, fragrant violet blossoms, expanding at night.....	.10	....

## BUCHANAN'S NASTURTITIUMS

Sow the seed where it is to remain late in the spring and after danger of frost is over. It is seldom necessary to thin the young plants, as they will bloom if close together. Nasturtiums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves. This adds to their value for planting over unsightly places.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
675 <b>DWARF MIXED.</b> The plants form a small, round bush, 12 to 16 inches high, which is a mass of bloom all summer. Do not water too much nor sow on rich ground if abundance of bloom is desired. Dwarf Nasturtiums are excellent to line roadways or wherever a tall border is pretty..	.10	.25	.65
676 <b>TALL OR CLIMBING (Mixed).</b> Of quick growth, covering a wall, hedge, or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. On cloudy days when "high fog" is overhead, yellow flowers, such as Nasturtiums, are particularly pleasing. A cheerful tone runs through all the shades and the colors are exceptionally bright.....	.10	.15	.50
677 <b>NIGELLA (Love-in-the-Mist).</b> A compact, free-flowering plant with finely cut foliage, curious looking seed pods; of easy culture, growing in any garden soil. Blue and white mixed..	.10	.35	
678 <b>Miss Jekyll.</b> A lovely variety, bearing on long stems, large semi-double flowers of a lovely tender blue, nestling in fine feathery foliage.....	.10	.35	
<b>PANSIES.</b> Thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms, or can be sown early in the year for good flowers late in the spring. The plants must be transplanted twice in order to get the largest flowers—once from the seed-box to a chosen bed, and again to the open garden. This is important if large-sized pansies are desired. Use manure liberally. The blossoms are usually larger in the spring and again in the fall, but are small during the hot months.			
680 <b>Giant Trimardeau Mixed.</b> Our stock of this variety produces as large pansies as can be grown. Flowers of richest, most varied shades, well rounded form and generally marked with three large blotches. Plants very hardy and vigorous. We recommend this mixture as one sure to give general satisfaction where conditions are at all suitable for pansy growth..	.25	1.75	
681 <b>Buck Brand, Mixed.</b> Very large flowers of exceptionally fine form and substance, usually ruffled and beautifully veined and blotched in all the finer and deeper shades and colors found in pansies. Plants are very vigorous.....	.10	1.00	





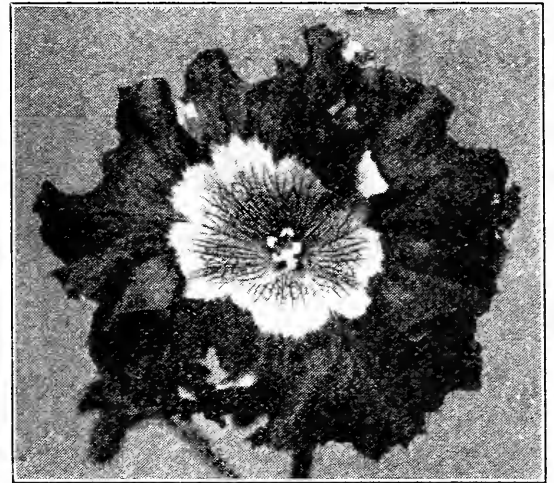
All Prices on this Page Post Paid

Pkt.  $\frac{1}{4}$  Oz.

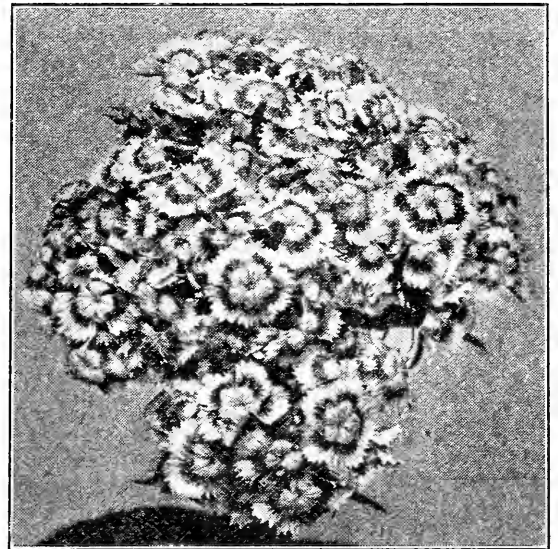
**PETUNIAS** grow with little attention or care and in any soil when once started and bloom profusely all spring and summer. The large, double varieties do not produce seed, but the pollen from them is artificially crossed on the large, single, and fringed plants, and the seed so produced will make a percentage of double blossoms. The giant-flowered types produce large, single, plain-edged or fringed-edged blossoms, or very thickly double flowers. As Petunia seed is exceedingly fine, start the plants in a box or flower-pot and merely press into the soil after sowing, cover with chopped moss, or sift a little sand over to cover, and, if possible, allow the water to soak up from beneath. The weakest looking plants will develop the handsomest flowers, so save all the plants carefully.

Petunia seed is very fine and very expensive; there is, therefore, but very little seed, almost like dust, in each packet.

- |     |                                                                                                                                                                                                       |      |       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| 685 | <b>Buck Brand Fringed Mixed.</b> Very strong, vigorous plants with enormous flowers in a great variety of colors, some blotched, some veined and in pretty light shades.....                          | .25  | ..... |
| 686 | <b>Giants of California.</b> A large-flowering strain with fringed and ruffled flowers of rich, velvety colors and deep yellow throats: Mixed.....                                                    | .25  | ..... |
| 687 | <b>Striped and Blotched.</b> Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder.....                                                                             | .10  | ..... |
| 688 | <b>Dwarf Mixed.</b> Plants compact growing. A choice mixture of many shades and colors. Very desirable for small beds....                                                                             | .10  | ..... |
| 689 | <b>Balcony Rose</b> .....                                                                                                                                                                             | .15  | ..... |
| 690 | <b>Balcony Scarlet</b> .....                                                                                                                                                                          | .15  | ..... |
| 691 | <b>Balcony Purple</b> .....                                                                                                                                                                           | .15  | ..... |
| 692 | <b>Balcony Mixed</b> .....                                                                                                                                                                            | .15  | ..... |
| 682 | <b>Buchanan's Collection of Balcony Petunias.</b> One packet each of three separate colors.....                                                                                                       | .35c |       |
| 693 | <b>Rosy Morn.</b> Compact in habit of plant but producing throughout the summer an abundance of clear rosy pink flowers with white throat. An excellent sort for borders, edgings or porch boxes..... | .10  | ..... |



Buck Brand Fringed Petunia

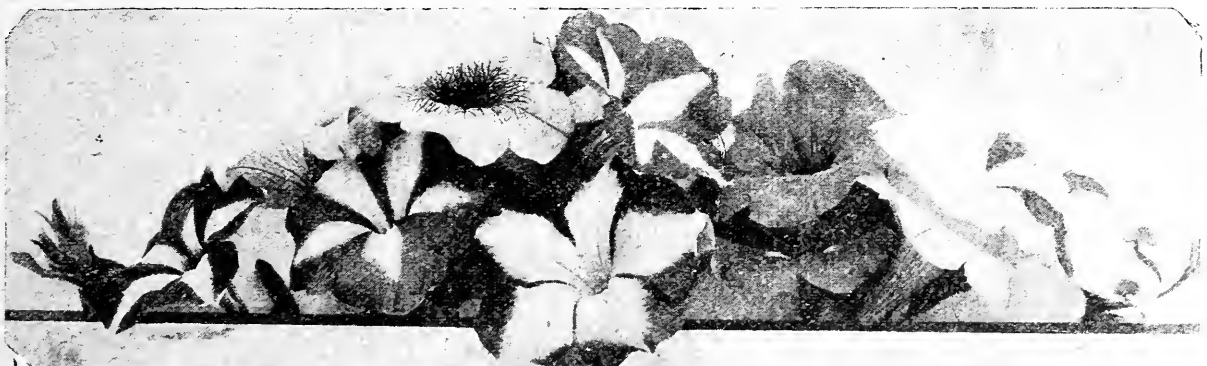


Phlox

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                       |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----|-----|
| <b>PHLOX.</b> The Phloxes are the showiest and most easily raised of all Annuals. We know of nothing which produces such a continuous supply of the most attractive flowers in a most wonderful range of colors. All the tints of the rainbow are represented with all possible variations of stripes, veins and eyes of contrasting shades. Seed should be sown in the ground as soon as danger of frost is over and in a few weeks the beds are a blaze of glory.                     |                                                                       |     |     |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Drummond—Mixed</b> .....                                           | .10 | .75 |
| 701                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Snowball.</b> Pure white.      702 <b>Fireball.</b> Blood-red..... | .10 | .85 |
| 703                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Star Mixed</b> .....                                               | .10 | .75 |
| 704                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Decussata (Perennial Mixed)</b> .....                              | .10 | .85 |
| <b>POPPIES.</b> Poppies are noted for their satiny flowers of silk-like texture, in many brilliant color combinations. The foliage is delicate and the blossoms are airily poised on slender stems. If the flowers are gathered early in the morning when the dew is on them, they will remain fresh in water all day. Plant the seed in succession two weeks apart for a continuous bloom all summer. Mix seed with sand before sowing so as to distribute the seed thinly and evenly. |                                                                       |     |     |
| 706                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Shirley Mixed</b> .....                                            | .10 | .25 |
| 708                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Tulip</b> .....                                                    | .10 | .25 |
| 710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Peony-Flowered</b> .....                                           | .10 | .25 |
| 707                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Carnation, Mixed</b> .....                                         | .10 | .25 |
| 709                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Oriental, Mixed</b> .....                                          | .10 | .25 |



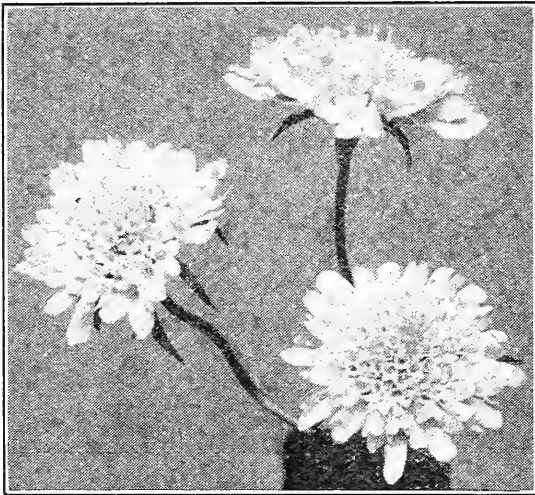
Poppies



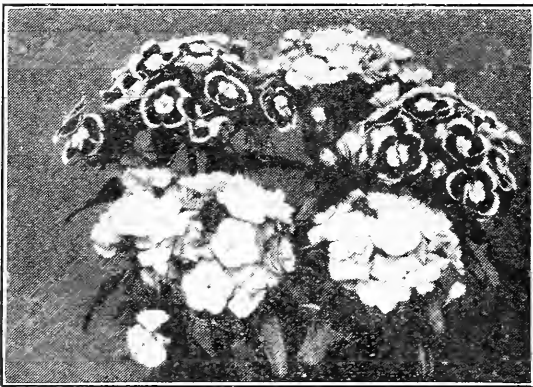
Buchanan's Balcony Mixed Petunias



Salvia



Scabiosa



Sweet William

**860 BUCK BRAND FLOWER SEED COLLECTION**

For 50c we will send you, postpaid, to any P. O. in the U. S., the following 12 packets of flower seed:

Alyssum, Sweet	Sweet Peas, Mixed
Pink, Mixed	Nasturtiums, Tall
Morning Glory, Mixed	Phlox, Mixed
Petunia, Mixed	Cosmos, Mixed
Candytuft, Mixed	Gourds, Mixed
Four o'clock, Mixed	Pansy, Mixed

12 10c Size Packets, postpaid, for 50 cents

**All Prices on this Page Post Paid**

	Pkt.	$\frac{1}{4}$ Oz.
<b>PORTULACA (Rose Moss).</b> Select the hottest, sunniest place for this little plant. Sometimes called "Rose Moss." Forms masses of delicate green foliage covered with bright colored flowers somewhat resembling small roses.		
<b>715 Single, Mixed</b>		
<b>716 Double, Mixed</b>	.10	.75
<b>718 RICINUS (Castor Oil Beans).</b> Garden annual of luxuriant growth with large palm-like leaves; very attractive on account of their semi-tropical effect. The colors of the foliage are very rich ranging from green to deep bronze. Desirable for lawns, massing or center plants for beds. Mixed.		
	.10	....
<b>720 SALPIGLOSSIS (Painted Tongue).</b> One of the most attractive annuals about 18 inches high, bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced; mixed.		
	.10	.25
<b>SALVIA OR SCARLET SAGE</b>		
<b>721 Splendens.</b> The old favorite bedding variety, producing during the summer and fall dazzling scarlet flowers in profusion.	.25	....
<b>722 Bonfire.</b> A new dwarf scarlet sage of dense, compact growth.	.25	....
<b>723 Farinacea.</b> Lavender blue flowers.	.25	....
<b>725 SCARLET RUNNER VINE.</b> This ornamental, rapidly growing annual reaches a height of 15 feet. It produces showy sprays of scarlet sweet pea-shaped blossoms, which are succeeded by delicious edible beans.		
	.10	....
<b>726 SCABIOSA (Morning Bride).</b> A very beautiful plant and a great favorite with gardeners, splendidly adapted for beds, borders and cutting. The flowers are full, fluffy and exquisitely colored and borne on long graceful stems. Mixed.		
	.10	.50
<b>728 SCHIZANTHUS (Butterfly Flower).</b> One of our finest annuals, bearing a profusion of pretty butterfly-like flowers of various colors, closely resembling some species of orchids.		
	.10	.50
<b>729 SENSITIVE PLANT.</b> Curious and interesting, pinkish white flowers; the leaves close and droop when touched or shaken.		
	.10	.35
<b>STOCKS (Gilliflower).</b> Stocks are hardy annuals, indispensable in every garden. There are both summer and winter blooming varieties. For either bedding or pot culture they are desirable. Average height of plants 1½ feet.		
<b>731 Dwarf Ten Weeks—Mixed</b>	.10	.75
<b>732 Giant Perfection (Cut-and-Come-Again)—Mixed</b>	.10	.75
<b>735 SWEET ROCKET.</b> This old-fashioned, fragrant flower is of the easiest culture, and bears clusters of white and purple blossoms.		
	.10	.25
<b>SWEET WILLIAM.</b> An old favorite hardy garden plant of easy culture, thriving in any good garden soil and lasting for years. Our strains produce large heads of fragrant flowers in a great variety of beautiful colors. The plants form large clumps and grow about 1 foot high.		
<b>736 Single Mixed</b>		
<b>737 Double Mixed</b>	.10	.35
<b>739 THUNBERGIA (Black-eyed Susan).</b> Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively for hanging baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange, etc., with dark eyes.		
	.10	....



All Prices on this Page Post Paid

Pkt.  $\frac{3}{4}$  Oz.

## Buchanan's Verbenas

**VERBENA.** One of the most popular garden annuals and lends itself willingly to many uses. For beds, borders and window boxes it is particularly fine, and is frequently used for an undergrowth to tall plants like lilies. The clusters of showy and often fragrant flowers are borne in constant succession from June until frost.

741	Mammoth Purple	742	Mammoth Scarlet	.10	.75
743	Mammoth White	744	Mammoth Pink	.10	.75
745	Mammoth Yellow	746	Mammoth Mixed	.10	.75
		747	Choice Mixed	.10	.75
748	Buchanan's Collection of Mammoth Verbenas. One packet each of five separate colors.				.35c

**VINCA ROSEA (Periwinkle).** Ornamental free blooming plants, with dark laurel like foliage and handsome pink and white flowers. Seed should be sown early and then the plants will bloom the first summer.

750	White	751	Pink	.10	.65
752	White with Eye	753	Mixed	.10	.65
754	Buchanan's Collection of Vinca. One packet each of three separate colors				.25c
755	<b>WALLFLOWER.</b> An old-fashioned garden flower. The large fragrant spikes are very conspicuous in beds and borders and are very useful in making bouquets. Finest mixed				.10 .50

## Buchanan's Wild Flower Garden or Children's Flower Garden Mixture

756 A garden of flowers in rows or beds is very attractive, but also takes some work to keep it in shape. If you have not time for such work and want to grow some nice flowers just spade up a good patch of soil in some sunny location and sow some of our Wild Flower Garden Seeds.

This wild Flower Garden is a mixture of a great many varieties which will bloom throughout the season and provide many beautiful bouquets. The children would be especially interested in such a garden as they can pick a great many different kinds of flowers.

Prepare the soil well and sow the seed very thinly so as to give the plants a chance to develop properly.

Price.....Pkt. 10c; oz. 25c

## 880 BUCHANAN'S IMPROVED SPENCER SWEET PEAS

### COLORS

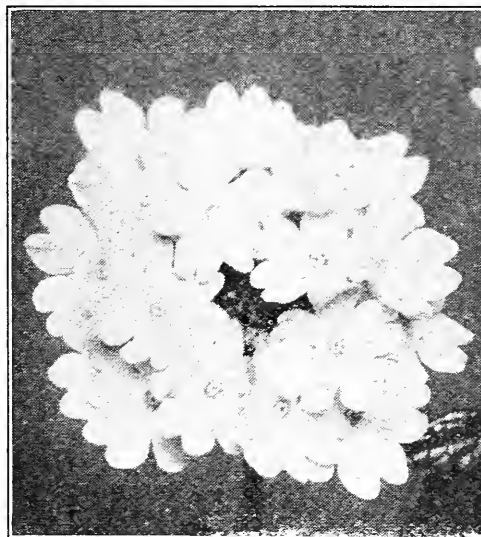
White	-	Pink	-	Yellow	-	Lavender
		Rose	-	Purple	-	Maroon
		Scarlet	-	Blue	-	Salmon
10 Full Size 10c Pkts.						.75c

## Plant Vine Seed for Quick Shade

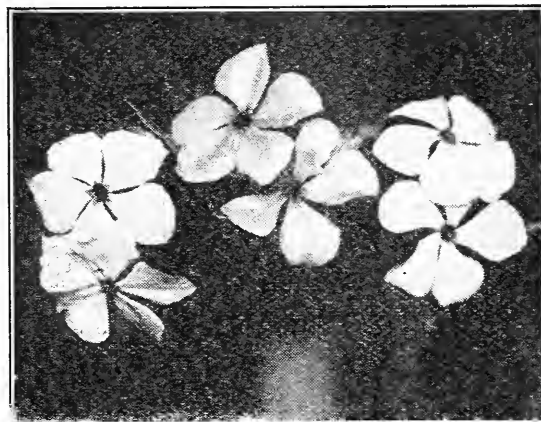
Morning Glories—Major Mixed	.10
Morning Glories, Improved Japanese—Mixed	.10
Morning Glories, Beautiful Rose	.10
Moon Flower, White	.10
Moon Flower, Bona Nox, Blue	.10
Cardinal Climber, Fiery red	.10
Cobea Scandens, Purplish Lilac	.10
Wild Cucumber	.10
Cypress Vine, Mixed colors	.10
Canary Bird Vine, Yellow Flowers	.10

## BUCHANAN'S COLLECTION OF VINE SEED

861	1 Pkt. each 4 Varieties	.25c
862	1 Pkt. each 10 Varieties	.60c



Verbena



Vinca

## 860 BUCK BRAND FLOWER SEED COLLECTION

For 50c we will send you, postpaid, to any P. O. in the U. S., the following 12 packets of flower seed:

Alyssum, Sweet	Sweet Peas, Mixed
Pink, Mixed	Nasturtiums, Tall
Morning Glory, Mixed	Phlox, Mixed
Petunia, Mixed	Cosmos, Mixed
Candytuft, Mixed	Gourds, Mixed
Four o'Clock, Mixed	Pansy, Mixed

12 10c Size Packets, postpaid, for 50 cents

## 793 Buchanan's Superb Collection GIANT ZINNIAS

Colors: Crimson, Golden Yellow, Flesh Pink, Canary Yellow, Rose, White, Purple, Violet, Scarlet, Burnt Orange.

10 Full Size 10c Pkts.....75c

## 800 HERB SEEDS

Sow seeds in shallow drill a foot apart, and when up thin out and transplant to a few inches apart.

Basil, Sweet—For flavoring soups	.10c
Cardoon—Used as winter vegetable	.10c
Chervil—Used in soups and salads	.10c
Dill, Mammoth—For flavoring pickle	.10c
Fennel—For seasoning and garnishing	.10c
Lavender—For oil and distilled water	.10c
Sage (Broad-Leaved)—A flavoring plant	.10c
Thyme—Much used for seasoning	.10c





# Buchanan's California Grown Dahlia Flowered Zinnias



Dahlia Flowered Zinnia

## BUCHANAN'S GOLD MEDAL DAHLIA FLOWERED ZINNIAS Grown by John Bodger & Sons Co., Los Angeles, California.

In July, 1924, the Royal Horticultural Society of England granted an "Award of Merit" for the strain, and a GOLD MEDAL for the group of Dahlia flowered Zinnias exhibited in the London Show. This official recognition of the strain meant much to its originator, our late president, John Bodger, who had put forth the best efforts of his last years in perfecting this type. In 1925 this novelty was granted two more awards of merit.

The large size, fullness of petals, extraordinary color range, and good keeping qualities of this flower have all contributed to its popularity. It is easily grown, and keeps well when cut. It is at present immune from disease. Equally good as a garden flower and as a florist's specialty, its popularity should increase with years. It has been truthfully called "A NEW FLOWER FOR THE PEOPLE."

### A Florist's Moneymaker

This type is proving a good forcer among the florists. Polar Bear is forced and used extensively as a bunching flower for Mother's Day, while Exquisite, Old Rose, Golden State, Crimson Monarch and Canary Bird are specially recommended to force as desirable colors for florists for early spring trade.

To assist in visualizing the true color, we have inserted, parenthetically, Ridgeway's Color Chart descriptions.

We offer all varieties as follows:

### All Prices on this Page Post Paid

	Pkt.
757 DREAM. A fine, deep lavender, turning to purple; a new, desirable shade in Zinnias.....	.25
758 CRIMSON MONARCH. By far the largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous.....	.25
759 EXQUISITE. The most pleasing of our collection. Truly Dahlia flowered as regards form and size. Color light rose with center of deep rose.....	.25
760 ORIOLE. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.....	.25
761 OLD ROSE. It is of the real Old Rose shade; it is large, and for charm and beauty we consider it ranks next to Exquisite.....	.25
762 POLAR BEAR. A very large pure white, the best white yet seen in Zinnias.....	.25
763 CANARY BIRD. A delicate shade of primrose—very large and holds its color well until out of bloom.....	.25
764 SCARLET FLAME. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal...	.25
765 MIXED. A well blended mixture containing all the above novelties.....	.25
766 BUCHANAN'S COLLECTION OF DAHLIA FLOWERED ZINNIAS. One packet each of eight separate colors	1.75
CURLED AND CRESTED. The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia.	
795 Mixed.....	.10
LILLIPUT ZINNIAS form handsome little bushes and fairly bristle with tiny, short-stemmed, very-double flowers hardly exceeding a daisy flower in size. They are very pretty plants; bloom all summer until late in the fall.	
796 Red Riding Hood (Scarlet).....	.10
797 Mixed.....	.10
798 Buchanan's Collection of three above varieties.....	.25c

Seeds listed on this page are delivered transportation paid in the U. S. or possessions. ORDER EARLY



R.B. BUCHANAN SEED CO.



MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

## Buchanan's California Grown Giant Mammoth Zinnias

### Buchanan's Mammoth Giant Zinnias

We have improved this variety to overcome the objectionable feature of the old Giant Type; that is, the conical shape, and you will notice in planting these new Giants listed below, that they have smaller centers and more loosely placed petals, while the size of the flower has been notably increased. In presenting the type below, we offer a collection of striking and desirable colors, which can not be surpassed by any flower seed grower anywhere.

All Prices on this Page Post Paid

	Pkt.	$\frac{1}{4}$ Oz.	1 Oz.
780 GIANT CRIMSON.....	.10	.50	1.50
781 GIANT GOLDEN YELLOW.....	.10	.50	1.50
782 GIANT FLESH PINK.....	.10	.50	1.50
783 GIANT CANARY YELLOW.....	.10	.50	1.50
784 GIANT WHITE.....	.10	.50	1.50
785 GIANT PURPLE.....	.10	.50	1.50
786 GIANT ROSE.....	.10	.50	1.50
787 GIANT VIOLET.....	.10	.50	1.50
789 GIANT SCARLET.....	.10	.50	1.50
790 GIANT BURNT ORANGE.....	.10	.50	1.50
791 GIANT SALMON.....	.10	.50	1.50
792 GIANT MIXED.....	.10	.40	1.35
793 BUCHANAN'S COLLECTION OF GIANT ZINNIAS. One packet each of ten separate colors.....	75c		

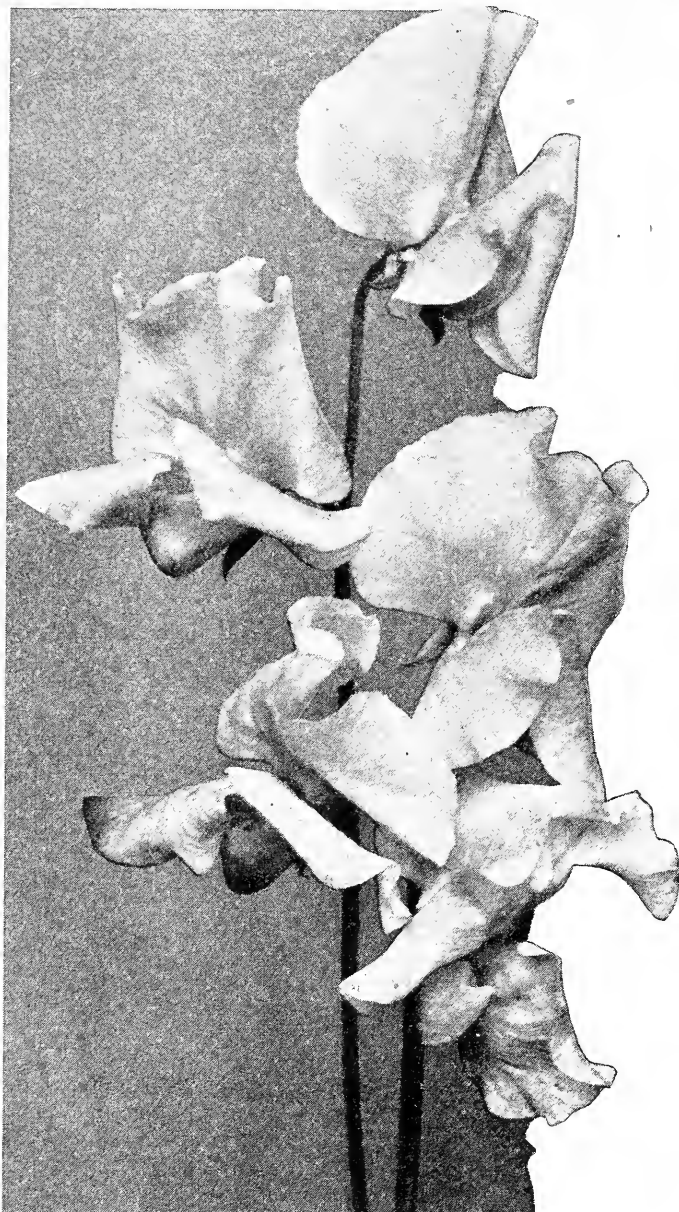


Buchanan's Giant Mammoth Zinnias

Please order Seeds by number prefixed to each variety. It saves your time in writing the order and our time in filling it.



## Buchanan's California Grown Spencer Sweet Peas



Spencer Sweet Peas

One Ounce of Seed is Sufficient to Plant a Single Row  
of 50 Feet

No garden is too small for a row of Sweet Peas and no estate, however extensive or magnificent, should fail to include many varieties of this most popular flower.

**CULTURE**—Early in spring make a trench 3 to 4 inches deep in rich, mellow soil, so arranged that no water can stand in it, and plant the seed in the bottom, covering at first only 1 inch deep. Sweet Peas, particularly the white seeded sorts, are often a little difficult to start. If the soil is too dry they will remain a long time without germinating; if it is too wet and cold they will not sprout at all. If soil is at all heavy, or composed largely of clay, put about 1 inch of sand in the bottom of the trench and sow the seed on this, covering with more sand. Cover the row with a board to shed the rain and protect the soil from the hot sun, but remove this as soon as the young plants appear. When the plants are 2 inches high, cultivate, and as they grow gradually fill up the trench. When the plants are about 5 inches high it is desirable to furnish some support for the vines to run upon, preferably a wire netting firmly supported by stakes to prevent sagging, but strings or brush are often used with satisfactory results. Where plantings are made as early as possible deep spading or plowing, the placing of manure deeply in the soil to draw the roots downward, a sunny situation with the rows running where possible north and south, the removal in the early stages of growth of all but two branches and the thinning of the plants 8 to 12 inches apart—these conditions are usually essential for the largest and most finely formed blossoms. The roots should not be allowed to become too dry. Water applied thoroughly once or twice a week, preferably early in the morning or in the evening, is usually better than light sprinkling more frequently. The blooms should be picked before they form pods or the plants will soon stop flowering.

### Buchanan's Early or Winter Flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five or six weeks earlier than the regular Spencer or Orchid flowered type, and if the flowers are kept cut, they will continue to bloom for a long time.

All Prices on this Page Post Paid

#### EARLY OR WINTER FLOWERING SPENCER SWEET PEA

The Sweet Peas listed below planted outdoors will bloom from two to three weeks earlier than Summer Flowering Spencer Sweet Peas.

	Pk.	½ Oz.	1 Oz.
825 <b>WHITE (Improved Snowstorm).</b> This is by far the finest of all white winter flowering varieties. The flowers are extra large and of fine form.....	.25	.45	.80
826 <b>CRIMSOM (Grenadier).</b> The color is rich, poppy-scarlet. The flowers are borne on long stems.....	.25	.45	.80
827 <b>LAVENDER (Harmony).</b> A very beautiful clear lavender of vigorous growth; free blooming.....	.25	.45	.80
828 <b>BICOLOR (Columbia).</b> The standard is a rich rose-pink; wings a fine delicate creamy rose.....	.25	.45	.80
829 <b>ROSE (Zvolanek's Rose).</b> A giant rose pink. The flowers are of largest size and usually borne in fours .	.25	.45	.80
830 <b>BLUE (Bluebird).</b> This is a charming shade of blue, somewhat similar to Wedgwood.....	.25	.45	.80
831 <b>ORANGE-SCARLET (Glitters).</b> The standard is a bright fiery orange, and the wings are deep orange. Very beautiful.....	.25	.45	.80
832 <b>MIXED.</b> This is a carefully composed blend of the finest of the many named varieties of Early Flowering Spencers.....	.25	.35	.65
834 <b>BUCHANAN'S COLLECTION OF EARLY OR WINTER FLOWERING SPENCER SWEET PEAS.</b> One packet each of seven separate colors.....			\$1.50

All Seeds listed on this page are delivered transportation paid in the U.S. or possessions. **ORDER EARLY.**





## Buchanan's Summer Flowering Spencer Sweet Peas

### For Spring and Summer Blooming

California now leads the world in the production of high grade sweet pea seed. Hundreds of acres may be seen in solid fields in the sweet pea producing sections of the Golden State, and it is a most beautiful sight to behold. The Giant Spencers listed below are particularly recommended for spring and summer blooming and will thrive in any climate where other sweet peas will grow.

This strain of Sweet Peas bears three and four very large flowers on long stiff stems. Many of the flowers are ruffled and wavy and the great assortment of shades makes them a remarkable strain for all purposes.

The Spencer Sweet Peas originated on the English Estate of Earl Spencer—Sweet Pea evolution has resulted in the creation of a glorified race, "The Spencers," so surpassingly superior that older types are destined to be superseded entirely.

The characteristics of the Spencer Sweet Peas, grown under congenial conditions, are: Robust growth, the plants attaining a height of from 6 to 10 feet, requiring for full development to be from six inches to a foot apart. The flowers are giants among Sweet Peas, measuring 2 to 2½ inches across. They are beautifully formed, with huge standards, open and upright and immense wings gracefully poised. Both standards and wings are daintily waved, the undulations reflecting high lights and casting shadows in the depth, thus showing a varied harmony of tones which greatly enhances the coloring. Three and often four of these queenly blossoms are borne on long, stout stems, rendering them unsurpassable as cut flowers for vases, bouquets and other decorations. Their long continued profusion of bloom is phenomenal, but accounted for by the fact that a majority of the flowers of true Spencers fall as they fade—before the seed pod is formed—thus continuing the succession of bloom—for as all know when Sweet Peas set pods, the flowering diminishes.

#### All Prices on this Page Post Paid

	Pkt.	Oz.	¼ Lb.
850 <b>WHITE (King White).</b> Remarkable for the glistening purity of the whiteness and the perfect finish of the flower. Of gigantic proportions. Strong and very free-flowering. It is the finest white-seeded white variety, altogether free from any color. Of exquisite form and texture.....	.10	.40	1.40
851 <b>DEEP PINK (Hercules).</b> This is a magnificent deep rose-pink. The standard is of enormous size. The whole flower is of excellent form.....	.10	.40	1.40
852 <b>BLUE (Wedgwood).</b> The flowers are a bright delphinium-blue. They are very large, of heavy substance, and beautifully waved; borne with the greatest freedom invariably in fours on a stem of great length.....	.10	.40	1.40
853 <b>DEEP CERISE (Fiery Cross).</b> The standard is a scorching deep cherry red with an orange-scarlet suffusion. The wings are a rich cherry orange, harmonizing with the standard.....	.10	.40	1.40
854 <b>LAVENDER (Florence Nightingale).</b> A soft, clean, rich lavender, enlivened by a faint sheen of rose-pink. Of large size, well formed and free blooming.....	.10	.40	1.40
855 <b>MAROON (Warrior).</b> The color is a rich reddish maroon flushed with bronze. Lovers of dark shades will appreciate this fine color. A strong grower and free bloomer, with large well-waved blooms.....	.10	.40	1.40
856 <b>SALMON (Helen Lewis).</b> A rich apricot pink or salmon colored flower; large, long stemmed flowers....	.10	.40	1.40
857 <b>CREAM (Dobbie's Cream).</b> A strong growing, cream or primrose. A profuse blooming variety, with large, much waved flowers.....	.10	.40	1.40
875 <b>MIXED (Buck Brand Spencer Mixed).</b> A splendid mixture of Spencer named varieties that will afford a variety of blooms of improved forms and in the widest possible range of desirable colors.....	.10	.35	1.25

880

10

**Buchanan's Collection of Buck  
Brand Spencer Sweet Peas**FULL SIZE 10c PKTS. OF 10 SEPARATE COLORS  
POST PAID

75c

### Imported Spring Flowering Bulbs

Arrive from Holland about September 1st and we can mail you price list about that date.

HYACINTHS - TULIPS - NARCISSUS - CROCUS - FREESIAS

# BUCHANAN'S

## IMPORTED FLOWERING BULBS

### FOR SPRING AND AUTUMN PLANTING

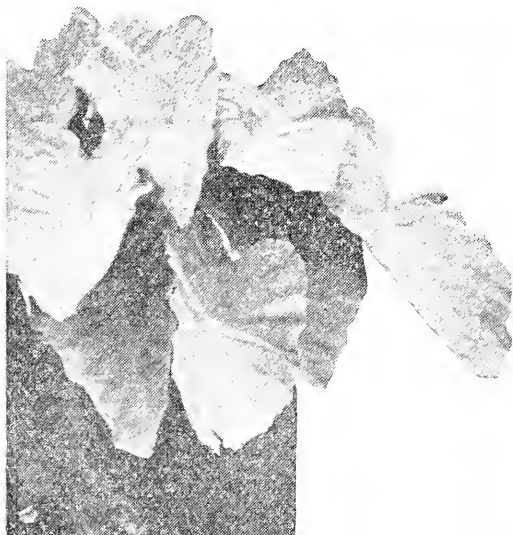


## Cannas

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants two feet apart.



City of Portland Canna



Caladiums

### All Prices on this Page Post Paid

	Ea.	Doz.	100
950 <b>CITY OF PORTLAND.</b> A glowing pink, deeper in color than its parent, Mrs. Alfred F. Conard, and the flowers are borne in greater profusion; height, 3½ feet; foliage green. ....	.30	2.75	13.00
951 <b>KING HUMBERT.</b> A brilliant orange-scarlet, with bright red shadings. Large trusses of blooms, the individual flowers being six inches in diameter. Foliage a rich red-dish bronze with lighter shadings. The finest red foliage and flowering variety grown. Height 5 feet .....	.25	2.25	12.00
952 <b>YELLOW KING HUMBERT.</b> A green-leaved sport of the popular King Humbert. It has the same habit of growth and free-flowering qualities, but the flowers are bright yellow and lightly spotted with red. This is the best yellow Canna now on the market. ....	.25	2.25	12.00
953 <b>THE PRESIDENT.</b> Green foliage. Color bright glistening scarlet. The individual florets often measure seven inches across when open. The flowers are borne just high enough above the foliage to show the entire head. Height 5 feet. ....	.25	2.25	12.00
954 <b>MRS. ALFRED F. CONARD.</b> This has become the most popular pink Canna ever introduced, and it is unsurpassed for planting, either singly or in large beds. Its exquisite salmon-pink flowers are of largest size. Wonderfully profuse in blooming, large heads. Green foliage. Height 4 feet. ....	.30	2.75	13.00
955 <b>EUREKA.</b> This variety is the result of many years of careful hybridizing, and is the best white Canna for all purposes. A strong grower, with glossy green foliage. Height 4½ feet. ....	.30	2.75	13.00
959 <b>Buchanan's Collection of Canna Bulbs.</b> One bulb each of six named varieties. ....			\$1.15

### Mammoth Caladium Bulbs

These are particularly fine for center of beds, giving a beautiful effect where Cannas and Scarlet Sage are planted on the outside borders. They are only the choicest and most select bulbs, producing the most massive effect with their foliage.

975 <b>Extra Large Bulbs.</b> .....	.50	5.00	.....
976 <b>Large Bulbs.</b> .....	.25	2.75	.....
977 <b>Small Bulbs.</b> .....	.15	1.50	.....

### Tuberose

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

981 <b>Excelsior Double Pearl.</b> Pure white, double-flowering Tuberose. ....	.10	.75	4.75
980 <b>Armstrong's Ever-Blooming.</b> This variety blooms year after year, and has a fragrance similar to the "Jasmine" .....	.10	.75	4.75

All Bulbs listed on this page are delivered transportation paid in the U.S. or possessions. **ORDER EARLY.**



## Gladiolus

**CULTURE**—What a wonderful stride the Gladiolus has made during recent years. Its popularity today is exceeded by few other flowers, and it has by no means reached its limit. And there are good reasons for this popularity. Failure with it has never been known. Gladiolus will grow in any open position, where there is a fair amount of sun, and bloom well. They are not only showy in the garden, but, when cut with the first flower open will last for 10 days in the house. The newer colorings defy the choicest orchids. Plant bulbs 3 to 4 inches deep, 6 inches apart and stake when 2 feet high. Flowers appear from early July until late in the fall.

## All Prices on this Page Post Paid

	Ea.	Doz.	100
960 <b>AMERICA.</b> Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. A touch of tyrian-rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike.....	.05	.50	3.50
961 <b>MRS. FRANCIS KING.</b> A most beautiful and vivid pink; 18 to 20 immense flowers borne on a long, strong spike.....	.10	.75	5.00
962 <b>CHICAGO WHITE.</b> One of the leading varieties for cut flower purposes. Pure white with lavender markings in the throat; early blooming; several flowers open at one time.....	.05	.50	3.75
963 <b>SCHWABEN.</b> Strong, erect spikes and large, well expanded flowers of a clear canary yellow; a magnificent cut flower, because the flowers all open pretty much at one time.....	.10	.75	5.00
964 <b>BARON HULOT.</b> Full round flowers of rich velvety purple-violet, lighter in the throat, a small golden rib through the lower petals is contrastingly effective, splendid tall, well furnished spike.....	.10	1.00	7.00
965 <b>HERADA.</b> Blooms of immense size on tall straight spikes; the color is pure mauve, glistening and clear, with deeper markings in throat.....	.10	1.00	7.00
966 <b>MRS. FRANK PENDLETON.</b> Immense round flowers of great substance. Coloring most attractive; vivid pink toning off blush, the lower petals being further ornamented with large velvety orange-red blotches in the throat, tall, strong grower.....	.10	.60	4.00
967 <b>HALLEY.</b> Delicate salmon-pink, with a slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center.....	.10	.75	5.00
968 <b>PANAMA.</b> A grand seedling of America, which it resembles, but is of a deeper pink; flowers very large and spike long.....	.10	.75	5.00
999 <b>WAR.</b> A magnificent variety of rich ox-blood red; shaded with darkest crimson.....	.10	1.00	7.00

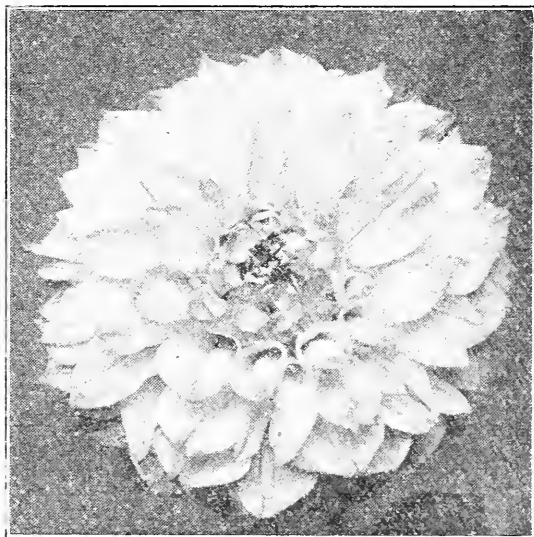
## Dahlias

Spade or plow the ground to a depth of about 8 inches. As a fertilizer use either well-rotted Stable Manure or better still, Sheep Manure, which should be well mixed with the soil. When the soil is properly prepared, dig a hole, 6 inches deep, in which to plant the Dahlias. The bulbs should be LAID DOWN FLAT and covered to depth of 4 inches. Every Dahlia should have from 2½ to 3 feet space and at least 4 feet between the rows.

985 <b>WHITE</b>	986 <b>YELLOW</b>	
987 <b>RED</b>	988 <b>PINK</b>	
989 <b>PURPLE</b>	990 <b>STRIPED</b>	
991 <b>SALMON</b>	992 <b>ORANGE</b>	
All Dahlias above .....		.25 2.75 18.00
994 <b>BUCHANAN'S COLLECTION OF DAHLIAS.</b> One bulb each of eight separate colors.....		\$1.75



Gladiolus

982 BUCHANAN'S COLLECTION  
OF GLADIOLUSOne Bulb Each of Ten Named  
Varieties..... **75c**

Dahlia

## Imported Spring Flowering Bulbs

Arrive from Holland about September 1st and we can mail you price list about that date.

**HYACINTHS - TULIPS - NARCISSUS - CROCUS - FREESIAS**All Bulbs listed on this page are delivered transportation paid in the U.S. or possessions. **ORDER EARLY.**

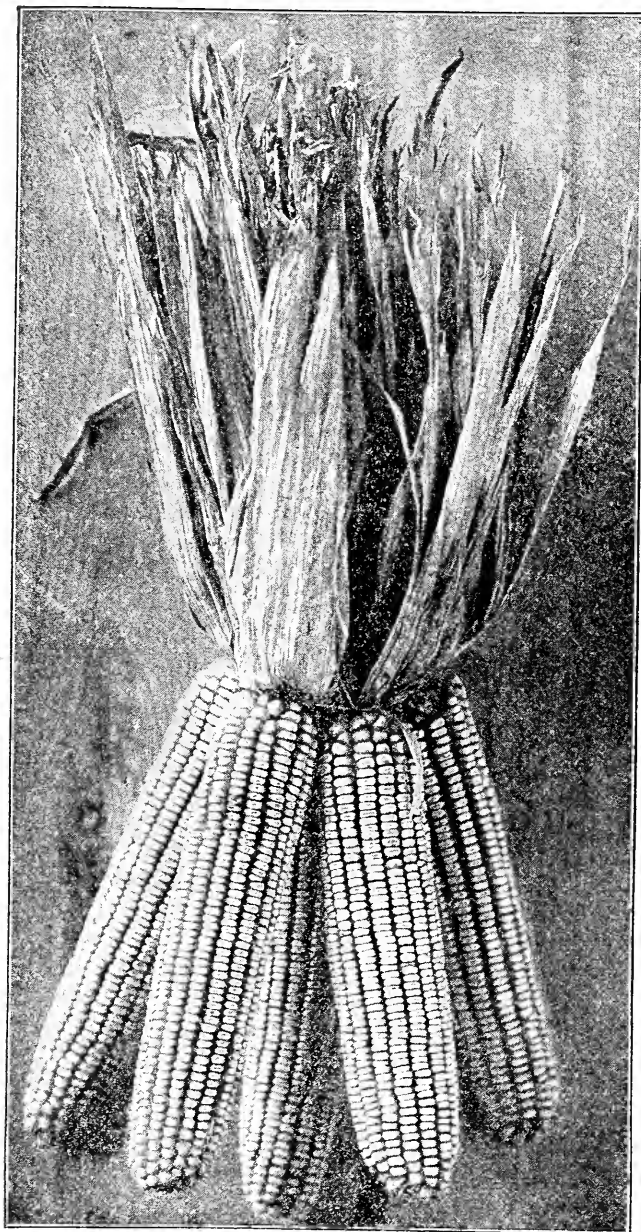


# BUCHANAN'S

## SOUTHERN GROWN AND TESTED CORN AND COTTON SEEDS



### Buchanan's Paymaster Corn



Buchanan's Paymaster Corn

#### Customers, Write To Us

We always like to hear from our customers who plant our seeds, especially on our Southern Grown Seed Corn, as we ship this corn to practically every Southern state, and there are so many varieties of soils. In writing us, please state what kind of soil you have.

#### (1125) Buchanan's Paymaster Corn

**BUCHANAN'S IMPROVED PAYMASTER (100 days)**—Buchanan's Paymaster originated in Middle Tennessee, where there are several counties that are noted for their heavy yields of corn, due to the fact that the soil of these counties contains the elements of potash and phosphate in abundance. These elements supplied by nature are the most important factors in producing not only heavy yields of corn, but seed corn of strong vitality.

Speaking scientifically, these elements produce a strong embryo or what is commonly known as sprout, which is the foundation of your coming crop.

Buchanan's Paymaster was produced by selection from Tennessee Red Cob shown by cut and description on next page (55). You will notice the Tennessee Red Cob has a very long grain which makes this variety very popular among many of our customers for their heavy black bottom lands.

By careful selection for the past five years we have succeeded in producing in Buchanan's Paymaster what we believe to be the largest yielding strain of Red Cob Corn for Southern planting.

Buchanan's Paymaster was selected for a 100-day 2-ear corn with a shorter ear, broader grain and stalk not so tall as Tennessee Red Cob.

Many of our customers plant Buchanan's Paymaster as late as July 1, and some as late as July 10, with excellent results. One of our customers near Crawfordsville reports an average of 100 bushels to an acre on 60 acres last year.

Buchanan's Paymaster is sold only in printed bags and bears our registered trade mark (Buck Brand), and you should be careful in buying your corn, as there is Red Cob Corn grown in practically every corn growing state in the Union, and we do not want to see you imposed upon by anyone who would take advantage of you by getting any kind of a Red Cob Corn and representing it to be Paymaster, knowing little and caring less about the results you would get.

Buchanan's Improved Paymaster is suited for both lowlands and good uplands. It will produce a medium stalk with two good ears, broad white grains on a bright red cob—fills out well and is covered to the end of cob—completely covered with shuck, shutting out insects, birds and bad weather. Price— $\frac{1}{2}$  gal., 75c; 1 gal., \$1.00; 1 peck, \$1.50;  $\frac{1}{2}$  bu., \$2.50, post paid. Write for prices on quantities.

#### (1128) Buchanan's Champion White Dent

**BUCHANAN'S CHAMPION WHITE DENT (90 days)**—It is the earliest large-eared white field corn known. It is an early White Dent, coming in almost as early as the Adams Early, but much larger; sample ears have been shown us 14 inches in length and  $3\frac{1}{2}$  inches in diameter. For stock feeding it is very valuable; coming in as it does when all fodder is short, it fills a breach which all stock feeders can appreciate. Again, it is a corn that has made itself before the hot, dry weather and when other field varieties must make their growth. Champion Early White Dent is a safe crop to plant anywhere. It adapts itself to hard conditions, and comes nearer to making a crop than any other white corn you can plant. Price— $\frac{1}{2}$  gal., 50c; 1 gal., 75c; 1 pk., \$1.25;  $\frac{1}{2}$  bu., \$2.25, post paid.

It only costs a little more to plant an acre of corn with pure bred seed than to plant it with crib run seed.



Buchanan's Long Grain Red Cob Corn

**(1126) Buchanan's Long Grain Red Cob Corn**

GROWN IN MIDDLE TENNESSEE

**TENNESSEE WHITE, RED COB (120 days)**—An extra large field corn; grains long, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long and have from 18 to 20 rows. It is a rather late maturing sort, but for bottom land and main crop this corn cannot be excelled. This is not only one of the largest grain, greatest yielding and one of the highest feeding and best milling corns grown in the South, but owing to the fact that the stalks grow from 8 to 12 feet high, are broad, strong and short jointed, it makes one of our best ensilage corns. This corn has a wonderful reputation for yield along the Mississippi river in Arkansas, Mississippi and Louisiana. We will not ship you Red Cob Corn grown anywhere except Tennessee when you order Buchanan's Long Grain Red Cob and only in our branded bags showing our Trade Mark (Buck Brand). Don't buy something just as good for a cheap price, for there is no corn grown that will take the place of this long grain red cob, if you want that variety, and remember, cheap seed, which means low quality, is the most expensive article of merchandise that you can buy. Price— $\frac{1}{2}$  gal., 65c; 1 gal., 90c; 1 pk., \$1.35;  $\frac{1}{2}$  bu., \$2.35, post paid.

ALL PRICES ON CORN POST PAID TO YOU—NO CHARGE FOR BAGS  
When Prices Wanted on Quantities, Write

## Buchanan's White Prolific Corns

### (1135)—Buchanan's Prolific

**BUCHANAN'S PROLIFIC** — Requires a fairly long season to develop hard corn, 120 to 130 days. Stalk is large, 8 to 12 feet tall, according to soil and season, rooting deeply. Stalk and blades are large and vigorous. Ears of medium size, two or more to the stalk, depending on the distance given and the growing conditions. On good, strong land where the corn has distance of 24 to 30 inches in the row, it often makes 4 to 6 ears to a stalk. The ears are well filled out and weigh from 8 to 12 ounces. The grains are deep, white and hard. The cob is small. Seventy pounds of ear corn will usually shell out 61 to 63 pounds of grain. Shuck is heavy and covers the ear tightly, keeping out birds and insects and preventing loss in late, wet seasons, when other corn rots badly on account of storm injury. The best prolific corn for grain production, for roasting ears, for making meal, and for stock feeding. Price— $\frac{1}{2}$  gal., 65c; 1 gal., 90c; 1 peck, \$1.35;  $\frac{1}{2}$  bu., \$2.35, post paid.

**(1136) Mosby's Prolific**

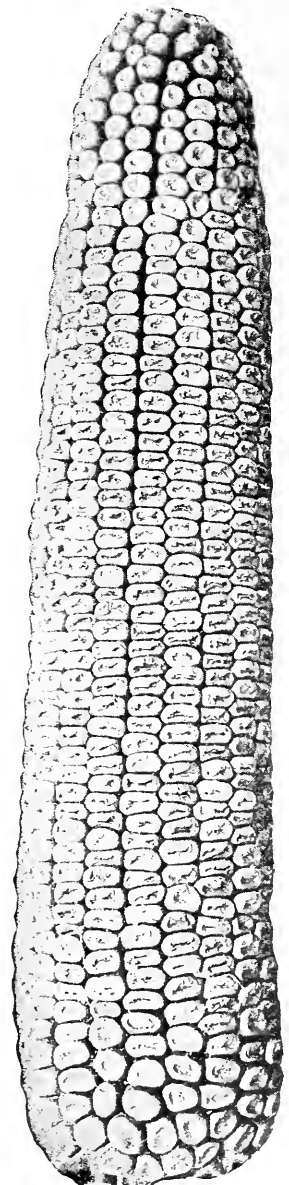
**MOSBY'S PROLIFIC (120 days)**—The most prolific corn in existence; the stalks are tall, bearing 3 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. It has good roots and will withstand storms better than any other prolific sort. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a Southern corn, and is recommended for general crop. It is pearly white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears of medium size. Price— $\frac{1}{2}$  gal., 50c; 1 gal., 75c; 1 peck, \$1.35;  $\frac{1}{2}$  bu., \$2.25, post paid.

**(1137) North Carolina Prolific**

**NORTH CAROLINA (120 days)**—Our grower of this variety of corn lives in Shelby County, Tennessee, has grown no other corn for years. He has bred this corn to a medium stalk, producing 4 to 6 ears. This corn will stand in the field after maturing through rain, storms and snow, and deteriorates less than any variety of corn grown today. While this variety has always been considered one of the best upland corns, I have many Delta planters who plant North Carolina year after year on bottom land, and tell me that they can leave it in the field until after Christmas and gather corn, every ear being sound. A beautiful white prolific corn, well adapted to both field and table purposes, just flinty enough for milling. Price— $\frac{1}{2}$  gal., 60c; 1 gal., 85c; 1 pk., \$1.35;  $\frac{1}{2}$  bu., \$2.35, post paid.

**(1138) Cocke's Prolific**

**COCKE'S PROLIFIC (120 days)**—Distinctly a main crop variety. It matures in 120 days. For heavy bottom lands and for seasons when there is an excess of rainfall, it has no equal. It is a rather hard corn, pearly white, on medium size cob with ears up to 12 inches long hanging tip downward on a large goose neck stem about waist high above the ground. It seldom has less than two ears to the stalk and sometimes as many as six well developed ears. The stalk grows to a height of 10 to 12 feet, thick at the base and tapering to a whip shape. Cocke's Prolific makes a very fine milling corn and is resistant to weevil. Price— $\frac{1}{2}$  gal., 65c; 1 gal., 85c; 1 pk., \$1.35;  $\frac{1}{2}$  bu., \$2.35, post paid.



Buchanan's Prolific

It only costs a little more to plant an acre of corn with pure bred seed than to plant it with crib run seed.



**(1127) Boone County White**

**BOONE COUNTY WHITE** (120 days)—A large eared late maturing variety. An excellent variety where the season is not too short. The up-to-date type has a deep, narrow grain, giving the largest possible amount of corn to the cob. This variety yielded well even in the past dry season, and we cannot recommend it too highly. Price— $\frac{1}{2}$  gal., 60c; 1 gal., 85c; 1 pk., \$1.25;  $\frac{1}{2}$  bu., \$2.25, post paid.

**Northern Grown Varieties of Corn**

Iowa Silver Mine, Wisconsin White Dent, Iowa Gold Mine, Reid's Yellow Dent.

All other varieties listed on pages 54, 55, 56 and 57 are Southern grown.

For Garden Corns see pages 16 and 17.

**(1129) Iowa Silver Mine**

**IOWA SILVER MINE** (90 days)—The stalks grow to a height of 7 or 8 feet, and set the ears about  $3\frac{1}{2}$  to 4 feet from the ground. The ears measure from 10 to 12 inches in length. They are very uniform in size and shape, 16 to 20 straight rows of deep, pure white kernels, on a small cob. It is a heavy yielding early white corn for early feeding or roasting ears. Seventy pounds of ears will make 62 pounds of corn. It is entirely distinct and will give satisfaction. Price— $\frac{1}{2}$  gal., 50c; 1 gal., 75c; 1 pk., \$1.25;  $\frac{1}{2}$  bu., \$2.25, post paid.

**(1130) Wisconsin White Dent**

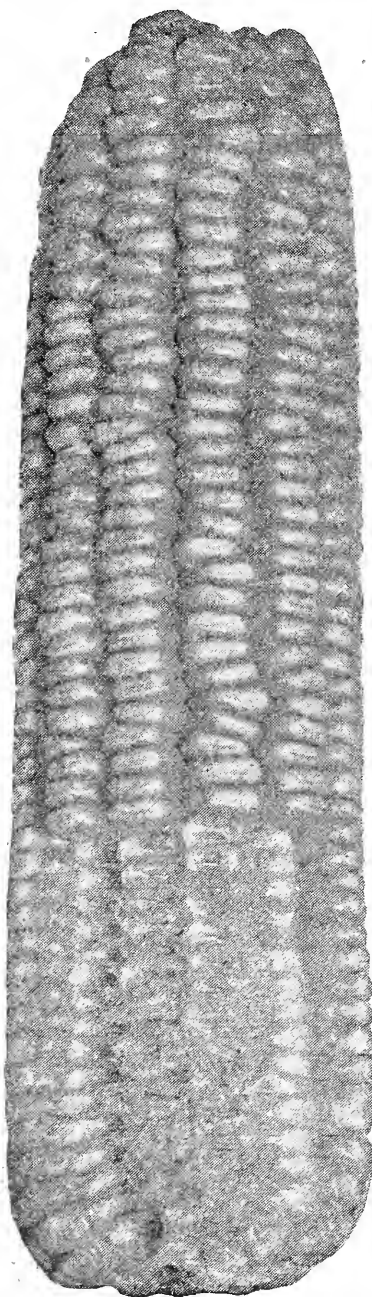
**WISCONSIN WHITE DENT** (75 days)—A Northern grown very early small eared corn, highly recommended where an early feed crop is needed or for producing roasting ears for market. On fertile land it produces several medium sized ears per stalk and has been known to produce three crops of roasting ears on the same land in the same year. Price— $\frac{1}{2}$  gal., 50c; 1 gal., 75c; 1 pk., \$1.00;  $\frac{1}{2}$  bu., \$2.25, post paid.

**Buchanan's June Corns****(1134) Buchanan's Mexican June**

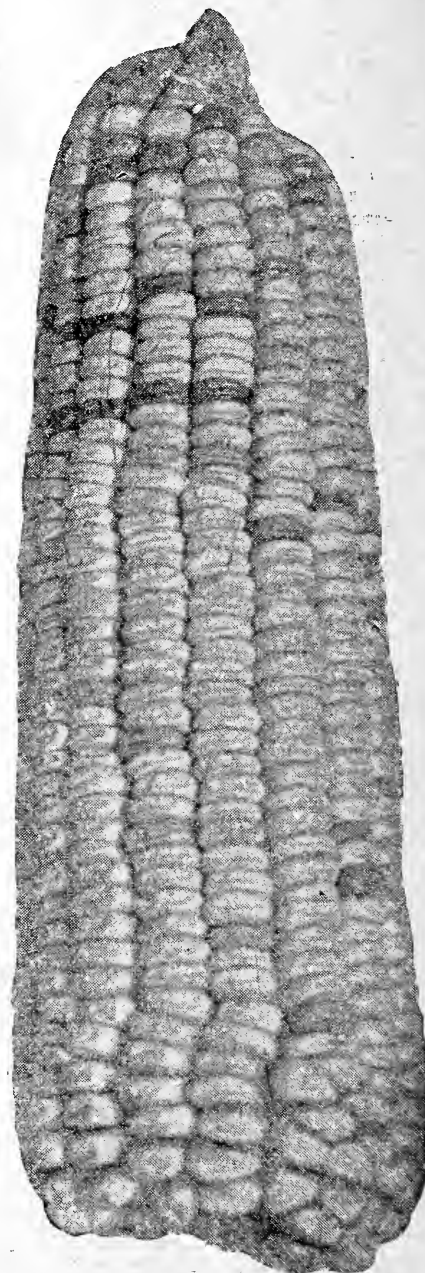
**MEXICAN JUNE CORN** (80 to 90 days)—This corn, originally from Mexico, has a distinct place to fill in the Cotton Belt, not as a general crop corn, but one to fill in with on late plantings. It is largely used in the Southwest for planting after oats and wheat. We do not advise (if grain is wanted) planting until after June 1st in the South. Between June 15th and July 1st is better. If planted earlier the tendency is to run largely to stalk and making little grain. It is a great drouth resister and usually, if there is enough moisture to sprout the seed, a crop is assured. If wanted mostly for forage or ensilage, plant in April or May. Early planting makes stalks 12 to 15 feet high, leaves 4 to 6 feet long. Ears 8 to 9 inches long, grains short to medium, cobs medium in size and, while blue and red grains often appear, sometimes only one to three to the ear. This apparent mixture of color is peculiar to many varieties of Mexican corn. Mexican June also makes fine roasting ears for use right up to frost. Price— $\frac{1}{2}$  gal., 50c; 1 gal., 75c; 1 peck, \$1.25;  $\frac{1}{2}$  bu., \$2.25, post paid.

**(1133) Buchanan's White June**

**BUCHANAN'S WHITE JUNE** (80 to 90 days)—Considered by many as a superior variety to the Mexican June originated in Mexico, grains pure white, ears a little larger than North Carolina, grows successfully with only half normal rainfall and adapted to all soils in the Cotton Belt. The heavy root system makes it resistant to hot, dry weather. It is very prolific, bearing two to three ears to the stalk. We do not, however, advise early planting, but if conditions are such that you want to plant corn after July 1st this variety will give you more corn than any you can plant. Price— $\frac{1}{2}$  gal., 50c; 1 gal., 75c; 1 peck, \$1.25;  $\frac{1}{2}$  bu., \$2.25, post paid.



Buchanan's White June



Mexican June

It only costs a little more to plant an acre of corn with pure bred seed than to plant it with crib run seed.





## Ensilage and Fodder Corn

### (1131) Tennessee Giant Red

**TENNESSEE GIANT RED (120 days)**—Superior for feeding and silage. Acknowledged by everyone, who has grown this grand corn, to be the largest grain, heaviest ears and the grandest yielding corn in the world if grown on rich, heavy land. For feeding stock it has no superior, having a higher feeding value than any other variety. It is a very large corn, of unusual size and length. On good land, ears will run from 11 to 13 inches with occasional specimens 14 inches long. Grain  $\frac{5}{8}$ -inch long and very wide and thick. Fourteen to sixteen rows. This corn is a winner for our rich Delta lands, from which section we have received glowing reports of its success.

Price..... $\frac{1}{2}$  Gallon 50c; 1 Gallon 85c; 1 Peck \$1.50;  $\frac{1}{2}$  Bushel \$2.75, Post Paid

### (1132) Hickory King

**HICKORY KING (110 days)**—This is an entirely distinct variety among the white corns, combining the largest grain with the smallest cob. A single grain will completely cover the cob of an ear broken in half. It is a greater yielder, giving more shelled corn to the acre bulk of ears than any other variety. It is satisfied with any kind of soil, and will produce good strong stalks, bearing two, and occasionally three, good ears. A good drouth resister. We recommend it very highly. It yields good crops on light soils and is one of the most productive and profitable white varieties for planting in the South. Ears fill out well and will make more shelled corn to bulk of ears than any other variety. It is good for roasting ears to follow Early White Dent; makes splendid quality of corn meal, and is just the right sort for stock feeding, being almost all corn and very little cob.

Price..... $\frac{1}{2}$  Gallon 50c; 1 Gallon 85c; 1 Peck \$1.50;  $\frac{1}{2}$  Bushel \$2.75, Post Paid

### (1143) Tennessee Strawberry

**TENNESSEE STRAWBERRY (120 days)**—A large ear with white grains striped. Grown in Middle Tennessee, it is a good, large ear corn for heavy rich land.

Price..... $\frac{1}{2}$  Gallon 50c; 1 Gallon 85c; 1 Peck \$1.50;  $\frac{1}{2}$  Bushel \$2.75, Post Paid

## Yellow Varieties of Corn

### (1139) Buchanan's Tenn. Yellow Dent

**TENNESSEE YELLOW DENT (90 days)**—My most popular variety of Yellow Field Corn, produces a medium stalk with two good ears of uniform size and shape, 8 to 10 inches long, with 14 to 18 straight rows of yellow kernels on a medium-sized red cob, and ears are well filled out over tip. Tennessee Yellow Dent is often called drouth resister, as it will produce more corn on our thin uplands during a drouth year than any known corn; owing to its earliness in maturing, it is planted by the man who is short of feed, and comes in just in time to finish his crop, when his own feed is so near exhausted and all feedstuff is usually at the highest market prices. I do not consider it a good main crop for bottom lands as it will not stand bad weather as well as the white prolific varieties. I sell more of this variety of corn each year than all other Yellow varieties combined.

Price..... $\frac{1}{2}$  Gallon 50c; 1 Gallon 85c; 1 Peck \$1.50;  $\frac{1}{2}$  Bushel \$2.75, Post Paid

### (1140) Mammoth Yellow Dent

**MAMMOTH TENNESSEE YELLOW DENT (110 days)**—A larger and longer ear than the above and it takes twenty days more to mature, otherwise very similar; this corn is grown in the second bottom land on the Tennessee and Cumberland Rivers in this State, and a great favorite with the Ohio River planters. The ears are of perfect shape, with from 10 to 14 straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal.

Price..... $\frac{1}{2}$  Gallon 55c; 1 Gallon 90c; 1 Peck \$1.60;  $\frac{1}{2}$  Bushel \$2.85, Post Paid

### (1141) Iowa Gold Mine

**IOWA GOLD MINE (90 days)**—An early yellow sort, having good size ears. It originated in the West where it is very popular, and east of the Mississippi has found high favor among most growers. Grains are golden yellow, very deep, set on small cobs and an ideal sort for bottom lands or where there is trouble with curing because it dries out easily and quickly without molding.

Price..... $\frac{1}{2}$  Gallon 40c; 1 Gallon 75c; 1 Peck \$1.25;  $\frac{1}{2}$  Bushel \$2.25, Post Paid

### (1142) Reid's Yellow Dent

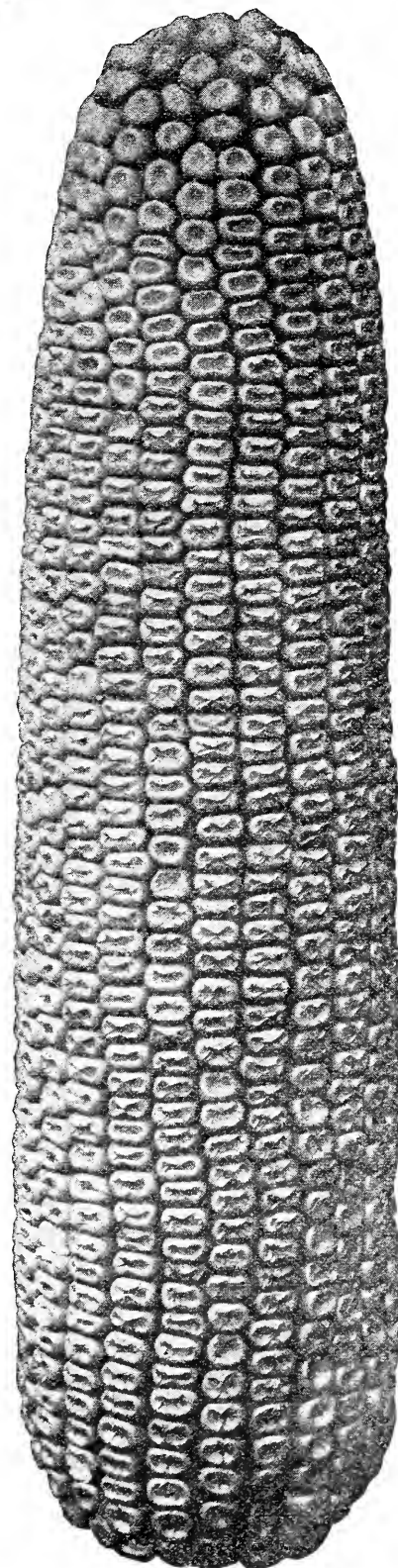
**REID'S YELLOW DENT (110 days)**—We offer the pure type of this leading standard variety, which stands among the best all-round purpose Yellow Dent Corns grown. Color deep yellow, with lighter cap. Grains very deep, closely packed; butts and tips almost entirely covered over. Slightly rough, with grains dented on top. Leaves and stalks of Reid's Yellow Dent make the finest ensilage and fodder.

Price..... $\frac{1}{2}$  Gallon 40c; 1 Gallon 75c; 1 Peck \$1.25;  $\frac{1}{2}$  Bushel \$2.25, Post Paid

#### WEIGHT OF CORN

	Wt.	Will Plant
$\frac{1}{2}$ Gal.....	3 $\frac{1}{2}$ lbs.	$\frac{1}{2}$ Acre
1 Gal.....	7 lbs.	1 Acre
1 Pk.....	14 lbs.	2 Acres
$\frac{1}{2}$ Bu.....	28 lbs.	4 Acres

All Prices Post Paid  
Write for quantity prices.



Tennessee Yellow Dent

It only costs a little more to plant an acre of corn with pure bred seed than to plant it with crib run seed.



R. B. BUCHANAN SEED CO.



MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS



A Southern Cotton Picking Scene

# WARNING!

**Buy Your Cotton Seed Now  
For Planting Crop of 1926**

November 1, 1925.

## TO MY CUSTOMERS:

I began the seed business October 1, 1906, and October 1, 1925 ended my 19th year as a seedsman, and during this nineteen years the cotton growing South has experienced only four years where disastrous rains in October ruined the cotton seed in the fields for next year's planting. Those were the years of 1906, 1918, 1923 and 1925. I visited some cotton fields last week and found much cotton beat out on the ground and sprouting, some of it up an inch high, much of the seed in the bolls showed dark meats, which will gin out those same seeds unfit for planting purposes; this damage is already done regardless of what happens between now and planting time next spring, so the only safe thing for a farmer to do is buy his seed now while he can secure seed of first picking that was in the warehouse before the October rainfall of 1925, which broke all records for October rains.

Buy your cotton seed now if you expect to grow cotton in 1926; don't wait expecting that by some special dispensation from above that these conditions can be changed; the damage is done and your only protection is to buy first picking seed from a reliable source that had been ginned and stored in a dry place before these rains.

R. B. BUCHANAN.

P. S.—Since the above letter was written I have tested many samples of Cotton Seed that were picked and ginned since the October rains and have failed to find one lot that was good enough for planting purposes.

Dec. 16, 1925.

R. B. B.



**Don't plant cotton seed picked and ginned after the rains began in October, 1925.**





R. B. BUCHANAN SEED CO.

MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS



## Buchanan's Pure Bred Cotton Seed

All Prices on Cotton Seed are F. O. B. Memphis—Not Prepaid.

### Long Staple Cotton

(1150)—**DELPHOS COTTON**—6102 "Delfos" was taken from the words "Delta Foster." This name was used because the variety was bred from Foster cotton and the work was done in the "Delta."

The pedigree of Delfos cotton runs back to 1904, the date Prof. Saunders of the United States Department of Agriculture made a cross between Sunflower and Triumph cotton.

In 1916, H. B. Brown, at that time with the Mississippi Experiment station, but now head plant breeder for Stoneville Pedigreed Seed Company, made a large number of selections from a field of Foster-120. These selections were tested in various tests for three years.

Two of them were found to possess much merit and were increased and distributed to growers.

Delfos-6102 has low, spreading, open plants, with comparatively slender main stem and branches; the fruit branches are long and numerous; one to four vegetative branches are found on the plants if wide-spaced; leaves are small; bolls are narrowly ovate, short-pointed, 4 and 5-locked, open well, and run 70 to 80 bolls to the pound of seed cotton; lint percentage 31 to 32; lint length  $1\frac{3}{8}$  to  $1\frac{3}{16}$ . Delfos-6102 is very early and very prolific. Bloom counts made by the Mississippi Experiment Station for a period of four years showed a higher rate of blooming for this than for any other variety.

No one variety of cotton is especially adapted to all conditions. Delfos-6102 is not wilt resistant and consequently should not be planted on soil that is badly infected with wilt or blight. It will make a good yield on soils lightly infected.

Delfos-6102 is not a vigorous growing variety and so is not suited for planting on thin lands unless the soil is well fertilized.

Delfos-6102 is especially well adapted to planting on new ground or on lands that are so fertile that other varieties of cotton when grown on them become too rank. It does well on medium fertile land and is the best variety for late planting, or for growing under heavy boll weevil infestation.

Price, per bu. (32 lbs.), \$3.50; 100 lbs., \$8.00, not prepaid. Write for prices on quantities.

Long Staple Cotton



Picture above shows Will Beard standing in the middle of 11 measured acres of land on R. B. Snowden, Jr.'s plantation. He produced 15 bales of cotton on these 11 acres in 1924, each bale weighing from 500 lbs. to 525 lbs.





## Medium Staple Cotton



Medium Staple Cotton

(1151)

**WANNAMAKER CLEVELAND**—One of the best and earliest, large-boll varieties and is well adapted to boll weevil lands. Bolls are large and thick; requires 52 to make a pound. Lint runs one to one and one-sixteenth inch, strong and rough and very often brings a premium. Seed, snuff colored and medium size, out-turn at gin 33 1-3 to 40 per cent. Stalk is branching in growth with 5 or 6 primary limbs. Free from wilt. Picking is at low cost and anyone can pick 100 pounds in the same time it requires to pick 70 pounds small boll cotton; 75 per cent was picked out here in September. No other cotton has had the experiment station records, it being placed at the head of all varieties of its length tested at the Stoneville Experiment Station of Mississippi. This cotton is more widely grown in the cotton belt than any other variety, and none is more prolific. Growers before boll weevil conditions have produced two bales per acre. Last year many made two bales per acre with less than a bale. Our stocks as offered were grown in the upper portion of the cotton belt and are free of disease. The seed from this section being somewhat earlier in maturing should be in great demand for planting. Any cotton buyer will tell you he would buy Wannamaker Cleveland much quicker than any other sort as he knows he has an immediate market for all he can get. You may not get as much per pound for Wannamaker Cleveland as you would for a long staple, but you will have so many more pounds to sell that your net profit, acre for acre, will be so much larger. Under favorable conditions it should make better than 1,800 pounds seed cotton to the acre. **Price, 1 bu. (32 lbs.) \$2.50; 100 lbs. \$6.50, not prepaid. Write for price on quantities.**

## Three Acres Yield 8 Bales in Attala

### Unusual Record is Certified by Witnesses

That Attala County has in abundance a soil that rivals in fertility that of the delta, the valley of the Nile, the middle west, or any other country, is amply proven in an authenticated report just made to the Attala County Fair Association.

C. C. Fancher, merchant and planter of McCool, Miss., has already picked and sold eight bales of cotton from three acres of land.

These figures are not the result of guess work, hope, expectations, or estimate. The land was measured by J. P. Johnson and W. H. Black, who certify that it contains three acres. The cotton was weighed by D. L. Young, F. E. Fancher and E. I. Lansdale, who state "we, the undersigned, weighed all cotton grown on the above land and hereby certify that there was 10,750 pounds seed cotton, same being ginned into eight bales, weighing 3,628 pounds."

Mr. Fancher kept an exact record of all operations, showing fertilizers used, dates of planting and cultivating, and implements used.

According to this record, which amounts almost to a day-to-day diary, the land was broken deeply on Feb. 1. On March 1 it was disced to a depth of seven inches, and enriched with five tons of barnyard manure and 200 pounds of complete fertilizer per acre. On April 1 the land was again thoroughly pulverized, fertilized with 200 pounds of cotton seed meal and 100 pounds of acid phosphate per acre, and planted with two bushels of seed per acre. As the season developed it was further enriched with nitrate of soda, 300 pounds being used in two applications. It is interesting to note that the plot was cultivated no fewer than 15 times, and that it was dusted with calcium arsenate four times, to prevent boll weevil damage.

The cotton was of the Wannamaker-Cleveland variety, which, while possibly not as productive as some varieties of extremely short cotton, brings an early, reasonably heavy yield of good length staple.

The land used is commonly known as "branch bottom" land, having a clay subsoil, of which practically every farm in Attala County has a representative part. The yield, while exceptional, is followed by many bale-and-better to the acre crops. The county as a whole produced probably the greatest crop in its history.

## READ

the letters of  
testimonials on  
pages 60 and 61  
regarding

**Buchanan's  
Pure-Bred  
Cotton Seed**

Hamlin, Ark., Nov. 19, 1924.

The Wan-Cleveland Cotton Seed proved satisfactory. Will replant again this incoming year. Cotton seed about one-third itself; 23c when sold.  
JIM M'DANIEL.

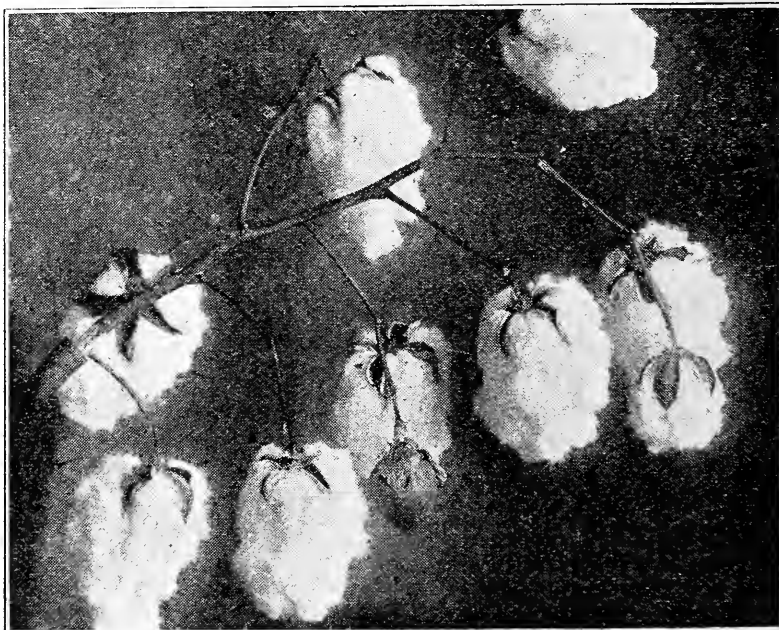
Augusta, Ark., Nov. 21, 1924.

The Wan-Cleveland Cotton Seed was sold out in small lots to various parties, but from all reports we have had results very satisfactory, yield of lint running around 33 to 35 per cent. However, the yield per acre was very different, as our crops were spotted, but with all would say the seed were very satisfactory.

E. H. CONNER MER. CO.

Sledge, Miss., Nov. 20, 1924.

I like the Wan-Cleveland Cotton Seed fine. I planted them in this buck-shot land and made 30 bales this year. I put 1,500 lbs. of seed cotton and got a bale weighing 545 lbs. When I weighed in 1,600 lbs. I got a bale weighing 585 lbs. and 590 lbs. I think that is the cotton for the poor man. I got from 23c to 26½c.  
SAM PRICE.



Wan-Cleveland Cotton

**Don't plant cotton seed picked and ginned after the rains began in October, 1925.**

## Short Staple Cotton

### Buchanan's Improved Half and Half Cotton Seed

(1152)



Short Staple Cotton

**HALF AND HALF**—We put out no misleading advertisements and then buy gin-run mixed seed and sell them for Pure-Bred Half and Half seed. Our Half and Half seed are grown by farmers in the northern section where practically nothing is grown but Half and Half. All seed are from first picking and from cotton picked without any rain on it from the time it opened until it was picked—this insures our customers planting seed of extra high germination. From our 19 years' experience in handling Half and Half cotton, we find it the heaviest yielding, quickest maturing cotton known. Its heavy yield per acre is well proven by the many splendid testimonials we print in this catalogue. We claim that our northern grown Tennessee Half and Half cotton seed will be from ten to fifteen days earlier than cotton grown further south than Tennessee. This claim has also been well proven by experience and testimonials of our customers, many who find our Tennessee-grown Half and Half seed from ten to twenty days earlier than other cotton in their section. This one great advantage has caused many of our customers to make splendid crops when other varieties were ruined by boll weevil. Our Half and Half cotton has large bolls and is easy to pick. It has  $\frac{3}{8}$  to a full inch staple; 1,050 pounds to 1,250 pounds of seed cotton gives 500 to 550-lb. bale of lint. Many of our customers get 45 per cent lint and some few 50 per cent lint. The yield per acre, length of staple and the turn-out at the gin will largely depend on the season, the nature of soil, the manner of handling and ginning; also from damage done by rust, boll weevil and army worm.

**Price**—Per bu. (32 lbs.), \$2.50; per 100 lbs., \$6.00, not prepaid. Write for prices on quantities.

Clayton, Miss., Nov. 17, 1924.

I planted the Half and Half Cotton Seed I got from you early, and I did not get a good stand. I had 30 rows and it made me  $2\frac{1}{2}$  bales, putting to the bale 1,200 lbs. One of the bales weighed 505 lbs. and the other 520 lbs., so I like the cotton fine. I got 23c for it. I may want some more of those seed later. C. L. BRIGHT.

Bald Knob, Ark., Nov. 25, 1924.

I planted four acres of clay foundation hill land with the Half and Half Cotton Seed I got from you last spring and got three 500-lb. bales with 1,200 lbs. of seed cotton to the bale.

It sold with the other cotton, and I got from  $21\frac{1}{2}$ c to  $26\frac{1}{8}$ c for two bales and haven't sold the third yet. W. L. WRIGHT.

Monticello, Ark., Nov. 24, 1924.

The Half and Half Cotton Seed we ordered of you were perfectly satisfactory, both as to germination and yield. These seed were planted on light, sandy lands, taking 1,200 lbs. to make 500 lbs. lint, and sold from 20c to 24c during the season. H. P. CRUCE.

Horatio, Ark., Nov. 22, 1924.

In regards to the Half and Half Cotton Seed I ordered from you last spring, you can say they did mighty well. It made  $\frac{1}{2}$  bale to the acre in spite of the long drought. We had heard the land was just common pine land. The turn-out at the gin was good—better than home-grown seed. It sold for the same price as the home cotton. It did better than my home-grown seed all around.

I was well pleased with them. W. A. BOX.

Wattensaw, Ark., Nov. 21, 1924.

In answer to your letter. We are well pleased with your Half and Half Cotton Seed. We planted on old upland without commercial fertilizer and it made one-half a bale per acre. It grades 7/8 to 1 in. staple; 1,250 lbs. seed cotton make 500-lb. bale. I will want more seed next year. C. E. WELLS.

**Buchanan's**  
**Pure-Bred**  
**Half and Half**  
**Cotton**  
**Seed**

Will produce more money to the acre of land than any cotton grown. My 19 years' reputation as a Seedsman back of these seed.

Pioneer, La., Nov. 21, 1924.

Yours of the 15th at hand. Will say in reply regarding the Half and Half Cotton Seed, I had six acres in cotton of the Half and Half Seed.

It made extra good, I think, for the chance it had. We planted in April, got rain on it until the first of June, was the last rain; only one showed 15th of August. I planted on old land, but used nitrate of soda, 100 lbs. to the acre, and stable fertilizer, and made 2,700 lbs. of seed cotton, averaging 530 lbs., and 505 lbs. of lint cotton to the bale.

On the market it brought 24c a lb., where the other short staple brought  $23\frac{1}{2}$ c and  $23\frac{3}{4}$ c. NEWTON COTTON.

Marion, Ark., Nov. 18, 1924.

In reply to your request, will say that the Half and Half Cotton Seed bought of you last spring turned out just fine under drought conditions, and I am well pleased with them. I planted on loam bottom land, put from 12 to 14 hundred pounds to the bale and they weighed from 540 to 580 each. Four and one-half bales on eight acres of land, and it sold from 23c to  $26\frac{3}{4}$ c by the Crittenden County Bank. E. H. HOOD.

### King's Improved Cotton

We buy our stock of King's Early Improved Cotton Seed each year from reliable growers in the county in North Carolina near the Virginia line where this cotton originated.

Remember this: Experience taught us many years ago that cotton seed grown near the northern edge of the Cotton Belt will mature 10 to 15 days earlier than cotton seed produced farther south, and that means much to all cotton growers in these days of the boll weevil.

R. B. BUCHANAN.

(1153)—**KING'S IMPROVED (Short Staple)**—Small stalk, spreading limbs, medium boll, very early and very prolific, blooms in 60 to 70 days, and ready to pick in 100 days. It is a very hardy plant and has many advantages over the big boll late-maturing varieties; it will produce more pounds to the acre and a larger percentage of lint than any other short staple cotton on the market. This variety was originated about 30 years ago by Mr. T. J. King, of Louisburg, North Carolina, where we get our stock of Planting Seed every year. It has very little foliage and consequently is well adapted to boll weevil conditions, letting in the sunshine, which is the weevil's worst enemy, and causing the cotton to mature early. Staple 1 to  $1\frac{1}{16}$ -inch, yielding 34 to 40 per cent lint. **Price**—1 bu. (32 lbs.), \$2.50; 100-lb. sack, \$6.50. Write for prices on larger quantities.

**Don't plant cotton seed picked and ginned after the rains began in October, 1925.**

# BUCHANAN'S

## RECLEANED AND TESTED

### CLOVERS AND PASTURE SEEDS



## Grass! The First Living Thing Created!

The earth has been clothed with grass for a long time. It wears an old green dress and the fashion has never changed. Decorators and artists attempt to rival its color but fail, and no man, however great or learned, can make a single blade of it.

According to the story in Genesis grass was made on the third creation day. "And God said let the earth bring forth grass." It is referred to by the evangelists, Matthew and Luke, illustrating how God, who cares for the grass, will also care for His children. So, however humble and common we may consider grass to be, its origin is divine and there is nothing in all the vast empire of nature that has a greater value and nothing which bears a deeper spiritual meaning.

Grass is the universal friend of man. It affords a home and refuge from the enemies of all the lesser things that walk or creep upon the earth. In its cool, sequestered retreats the field birds build their nests and nurture their young, and there the little people of the earth abide with their streets running through the corridors of stalk, protected at their work and play by the great green plumes and banners that wave above them. All the domestic animals with grinding teeth feed upon the grass. Man himself walks and plays upon it in life and sleeps beneath it in death.

## American Grown Alfalfa Seed

### Alfalfa

The Hay and Forage Crop of the Delta, or heavy black lands. The hardiest, most lasting and most valuable of all clovers for hay, forage and fertilizers. Once established, it is the most productive and the finest hay of them all, often yielding five crops in a season and furnishing pasture in winter. Failure to get and maintain stands of Alfalfa may be attributed to several causes that can be overcome, such as careless seed bed preparation; neglect to use inoculation and lime in some form to counteract acid in soil; time of sowing and irregular and late cutting. Alfalfa should never be cut so late that there is not time for another growth before freezing weather, nor should cutting be delayed after the bloom appears, as the crown will die and fail to send out new sprouts.

Alfalfa may be sown successfully in this section in September and October and February 15th to April 15th.

### Preparation of the Seed Bed

Because of the fact that Alfalfa Seeds are so small, these suggestions apply only when the ground is in the best of condition. This means that the soil must be pulverized and compact. A single plowing and harrowing is not usually enough. The ground will settle so much after this that many of the seeds will be worked loose from their soil contact. It is impossible to give definite suggestions that will be applicable in all cases. All that we wish to do here is to emphasize the need of getting that ground into the right condition, by whatever means are best suited. It is poor economy to slight the cultivation.

### Inoculation

Bacteria used in connection with the sowing of Alfalfa Seed acts as a crop insurance and as a crop stimulator. Read page 87 about inoculating clovers.

### Alfalfa for Pasture

Alfalfa makes such a wonderful amount of feed and withstands drouth so well that if it could be used successfully for pasture it would be the greatest of all pasture crops. The general experience of those who have tried it as a pasture crop in humid climates has been unsatisfactory, however. To maintain the stand it seems to be necessary to let the plants bloom before cutting. If the young growth is kept clipped off or eaten down, the plants become weakened and the stand may be destroyed in a short time. Probably one year would be the life of a stand pastured closely. In some cases it might prove a very profitable pasture crop, even

### Sowing Alfalfa Seed

**AMOUNT TO AN ACRE**—Our general rule is 15 to 20 pounds per acre, but I have customers who sow from 25 to 30 pounds to an acre, they saying that they want the Alfalfa to crowd out the Crab Grass Seed, and not the Crab Grass Seed to crowd out the Alfalfa.

### (1050) Buck Brand Alfalfa

**BUCK BRAND ALFALFA**—The best upland American-grown seed that money can buy. Price—1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 15 lbs., \$4.00, post paid.

### (1051) Dakota 12 Alfalfa

**DAKOTA NO. 12 ALFALFA**—The most popular alfalfa seed for the Mississippi Delta, since the Experiment Station recommended it a few years ago. Price—1 lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75; 15 lbs., \$4.75, post paid.

### (1049) Utah Alfalfa

**UTAH ALFALFA**—Grown in the state of Utah. Don't know of any special qualities that it has over other alfalfas, except it being grown farther north, will stand a very hard winter where alfalfa grown farther South would winter kill. Price—1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 15 lbs., \$4.50, post paid.

### (1052)—Hairy Peruvian Alfalfa

**HAIRY PERUVIAN**—Grows rapidly, has long slant stems. Quick to recover after cutting and is said to grow better during the winter months than common alfalfa; furnishes more pasture. This alfalfa is very popular in the hot, dry country of Arizona, but has not been planted very much in this section. Price—1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 15 lbs., \$5.25, post paid.

when the short life is taken into consideration. For instance, where a shortage of pasture for the following year is threatened because of the failure of grass or clover stands, alfalfa sowed in late summer would give about the most pasture of any emergency pasture crop that could be sown.

A better plan than sowing alfalfa alone, however, would be to sow a mixture of alfalfa, orchard grass and red top, using say, 10 pounds of alfalfa, 10 pounds of orchard grass and three pounds of red top. If one is desirous of establishing a good pasture, there is probably no better way of getting it than by this method.





## Buchanan's Recleaned Clover Seeds

The farmer who includes Clovers in his rotation of crops is the man who is today growing larger crops of all grains, year in and year out, than he who follows any other rotations. It will pay as a hay crop or pasture, to say nothing of the improvement in the soil after growing Clover a year or so; then fields which have once grown a crop of Clover are very readily seeded again. No Clover does well on sour soil. Use lime (see page 79) freely where necessary, but grow Clover in some form, and remember that we now have, in addition to the regular types (the common forms), Alfalfa, the most vigorous and lasting of all Clovers; Melilotus Alba, or Sweet Clover, a big thrifty plant, which will grow on land too poor for any of the other types, and in one or two seasons put the land in condition to grow any of them; and Japan Clover, an annual plant sown in the spring, and thriving on waste land and that which is too poor for other crops. All these are described under separate headings.

All Prices on This Page Post Paid.

### (1053) Buck Brand Red Clover

**RED CLOVER (Buck Brand)**—Southern farmers are fast realizing the great value of this crop for pasture, for hay, as a soiling crop and for fertilizing, but many have yet to learn the importance of quality in Clover Seeds. We sell an increased quantity each year, and our customers report most satisfactory results. This variety is largely planted in Louisiana, Mississippi, Tennessee and other Southern States, being admirably adapted to the hill parts of the South, especially the valley lands of North Georgia, Alabama, Mississippi and States farther north. It makes two or more cuttings of hay each season, and is fine for pasturage in a combination with other clovers and grasses. Sow seed during the fall and spring, at the rate of 12 to 15 pounds to the acre. A bushel weighs 60 pounds. Price—1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.75; 15 lbs., \$5.25.

### (1054) Red Clover (Mammoth or Sapling)

**RED CLOVER (Mammoth or Sapling)**—It greatly resembles the Medium Red, but grows coarser and more vigorous. It is the best Clover for pasturage, as it will produce an enormous yield and is of the highest feeding quality, but not as desirable for hay. Specially desirable for hog pasture. You can enrich your soil more cheaply by sowing Mammoth Clover and plowing it under than any other way. Price—1 lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25; 15 lbs., \$6.00.

### (1055) Alsike or Swedish Clover

**ALSYKE or SWEDISH CLOVER**—This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is fine-stemmed and leafy and thus is quickly cured. Sown alone for forage, 12 lbs. per acre; in mixture, Alsike 4 lbs., Red Top 6 lbs., Timothy 5 lbs. Price—1 lb., 40c; 5 lbs., \$1.60; 10 lbs., \$3.00; 15 lbs., \$4.25.

### (1056) White Dutch Clover

**WHITE or DUTCH CLOVER**—Largely used for sowing on lawns mixed with Kentucky Blue Grass and other grass seeds, and is very valuable because it supplies nitrogen to the soil and increases the fertility and makes the plant root more available for the use of the grasses. It is of value to the summer pastures and should be used in all grass seed mixtures sown for either lawn or pasture. Price—1 lb., 75c; 3 lbs., \$2.00; 5 lbs., \$3.00.

### (1057) Sweet Clover White Blossom

**SWEET CLOVER (Melilotus Alba)**—A variety of Clover which, while young, resembles alfalfa, but on mature development grows from 4 to 6 feet in height. It is extremely vigorous and especially adapted to waste lands, though by many prominent farmers and stock raisers is used on good land for a crop forage. It is very vigorous in growth, standing frost and drouth remarkably well, the tap root penetrating the soil very deeply, and occasionally used as a drainage plant for wet soils. It will grow on almost any barren hillside, in bottoms, and is equally adapted to all good farming lands. Sweet Clover is one of the most valuable crops for bees, being the main honey plant in many sections. Can be sown either in spring or fall, preparing and sowing as you would for Red Clover. Owing to the difficulty of getting clean seed free from Johnson Grass and weed seed, we have discontinued handling this seed in the chaff, and handle only the clean seed or hulled seed. Sow 12 to 15 lbs. to the acre. Price—1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 15 lbs., \$3.00.

### (1059) Black Medic Clover

**BLACK MEDIC** has similar soil and planting requirements to the yellow melilotis, but is much hardier and can be grown as far north as the Ohio river. It often comes up in January and February, and even as late as March, where it has reseeded the land the spring before. It is an excellent hay plant, even with a short growth, and it has no equal for permanent pastures for late winter and spring grazing, giving an even growth, and reseeding with the closest grazing. It can also be used to excellent advantage for cover crop purposes on cultivated lands, orchards and meadows. Price—1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.75; 15 lbs., \$5.25.

### (1058) Sweet Clover Yellow Blossom

**SWEET CLOVER (Yellow Blossom)**—The same soil and climatic conditions as outlined above on White Blossom Sweet Clover apply on Biennial Yellow Blossom. The main difference in the two varieties is that the Yellow Blossom is about two weeks earlier than the White Blossom, much less leafy and smaller in size, growing from three to seven feet tall. Price—1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 15 lbs., \$3.75.

### (1061) Lespedeza (Japan Clover).

Lespedeza being one of the leading crops of the South, we have made an exhaustive study of its growing and seed conditions and we are fitted to take care of your wants if you want the best, cleanest seed obtainable, free of Johnson Grass and Wild Onions.

(See Page 68 for More Information.)



## Recleaned Clovers and Seed Sowers

### About Prices Clovers and Grasses

The prices of Clovers and Grasses are changing constantly, and were we to quote definite prices on large quantities in this catalogue they would probably be incorrect before we received your order. Send us a post card and immediately upon receipt of it we will send you our regular quotation card quoting the lowest prevailing prices, which we will guarantee for a stated period.

Kind of Seed	Lbs. to Bu.	Lbs. Sown to Acre	Average No. Seeds to Lb.
Alfalfa .....	60	15 to 25	232,000
Alsike .....	60	6 to 10	680,000
Crimson .....	60	10 to 15	150,600
Mammoth .....	60	8 to 12	294,400
Red .....	60	8 to 12	294,400
Sweet Y. B. ....	60	10 to 15	222,300
Sweet W. B. ....	60	10 to 15	222,300
White Dutch .....	60	3 to 5	790,600

To Get Best Results Inoculate All Clovers  
READ CAREFULLY

Page 87

### (1062)—Burr Clover

**SOUTHERN BURR CLOVER (in Burr)**—This is a most valuable soil-improving and winter-grazing crop, growing luxuriantly all through the winter and until summer. After once being seeded, it reseeds itself and improves in growth and appearance each succeeding year. It is admirably adapted for use with Bermuda Grass, and the combination of the two makes a splendid all-the-year-round pasturage. It is also well adapted for use in regular pasturages, and will give a considerable increase in the quantity of pasturage just at a time when it is most appreciated. The plant matures its seed early in the spring, and produces seed abundantly after the first year, and no reseeding is necessary, unless the clover has been pastured so closely as to prevent it from maturing seed.

Price ..... 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$2.00  
Post Paid.

### (1060)—Crimson Clover

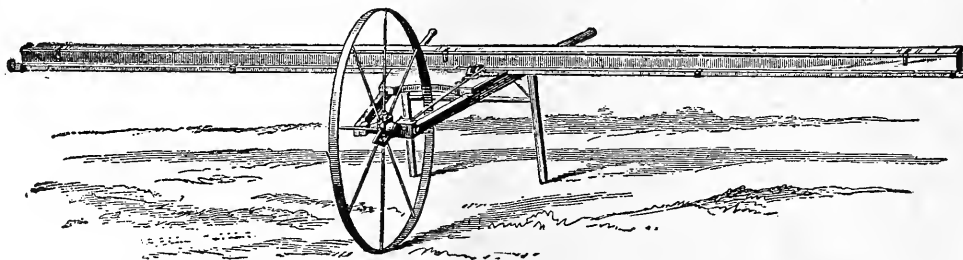
**CRIMSON CLOVER** succeeds on most any good soil. Sown at the rate of 15 lbs. per acre, any time after August 15 and up to Nov. 1, or can be sown between cotton or corn during August using 6 to 10 lbs. to the acre. Crimson Clover furnishes good hay and adds fertility to the soil. For best results, inoculate seed.

Price ..... 1 lb. 40c; 5 lbs. \$1.25; 10 lbs. \$2.25; 15 lbs. \$2.75  
Post Paid.

### (1061)—Lespedeza (Japan) Clover

**JAPAN CLOVER (Lespedeza Striata)**—To obtain a good stand, disc-harrow your land, then scatter the seed on top, roll the field; this will cover them enough. Sow in February, March or April. Seeds weigh 25 lbs. per bushel. Sow 20 to 25 lbs. per acre. Grows anywhere; is tenacious in any soil; lasts always; well known in the South. It is the most valuable hay and pasture plant in the Southern States. (See Page 68.)

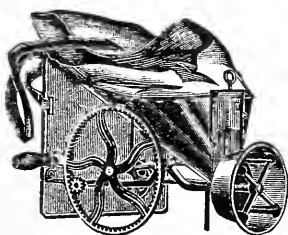
### Wheelbarrow Clover and Grass Seeder



The **WHEELBARROW CLOVER GRASS SEEDER** will sow Clover, Timothy, Alfalfa, Orchard Grass, Red Top, Blue Grass, etc. The hopper is carried close to the ground, permitting its use during windy weather. It has a chain feed, making it positive and uniform in its distribution. Wheel 32 inches high, light and rigid. Frame and hopper made from selected material.

No. 10 Single Hopper Seeder, 14-foot. Weight, 47 pounds. Price, each ..... \$12.50—Not Prepaid

### Cahoon Broadcast Seeder



The standard broadcast seeder and one of the best. Sows all kinds of grain, Clover, Timothy, etc. In operation sows 4 to 5 acres an hour at a common walk. Distributes seed uniformly in one-fifth the time required by hand. Circular on request.

Price each \$4.50. Postpaid \$4.85

### Cyclone Broadcast Seeder

Thousands of these are in use with perfect success. Adapted to all kinds of grain and heavy grass and clover seeds.

Price \$2.25. Postpaid \$2.45





## Buchanan's Dependable Lawn Grass Mixtures

We have given the subject of Lawns much thought during the past few years, and after careful study and experiments with all grass seeds, know that we have a mixture listed below which will answer your purpose, regardless of the size space you have to cover.

Our Buck Brand Lawn Grass Mixtures are used all over the South by all classes from the owners of small homes to the owners of large estates, also by Golf Clubs, City Parks and Cemeteries. Do not have your lawn sodded before talking or writing us about same, as sodding is not only expensive, but so often you get many wild grass seed with the sod which is expensive to eradicate.

**QUANTITY TO SOW FOR LAWNS**—You cannot sow too much; the more, the better; it means a quicker, more satisfactory and lasting result. We recommend, on new ground, for average mixtures, to sow as follows: One pound on 100 square feet (10x10); six pounds on 600 square feet (20x30); 15 pounds on 1,500 square feet (30x50). A good rule is to figure one pound for each one hundred square feet. For renewing old lawns call to see us or write, giving full information regarding the present condition of your lawn.

## Hints on Formation of Lawns

Spade or plow grounds to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps, and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of five inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 150 pounds to the acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is three inches high it should be cut and rolled, and every week or so thereafter until the grass has become firm. Eradicate weeds whenever they appear, without disturbing the grass. Should bare spots appear, rake the surface and sow more seed.

**FERTILIZING**—Nothing will give a lawn the rich, deep green velvety appearance so much admired like a liberal dressing of a good fertilizer. (See page 79). Our fertilizers are specially prepared with that end in view and we can strongly recommend them.

**1117—BUCK BRAND PERMANENT LAWN GRASS SEED**—By far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating rains. Price, 1 lb. 50c; 5 lbs. \$2.50; 10 lbs. \$4.75, post paid. Write for prices on quantities.

**1118—BUCK BRAND SHADY LAWN GRASS SEED**—Shaded locations are often found difficult to keep in grass. We have combined a mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this, apply crushed limestone. Price, 1 lb. 50c; 5 lbs. \$2.60; 10 lbs. \$4.75, post paid. Write for prices on quantities.

**1119—BUCK BRAND GOLF COURSE MIXTURE**—A mixture composed of short-growing, deep-rooting varieties that resist wear. It retains its color well during the severe drouths. Fairways, to retain their permanency, should receive additional sowings during the season to replace any weak or worn-out spots. Sow about 100 lbs. per acre. Price, 1 lb. 50c; 5 lbs. \$2.40; 10 lbs. \$4.75, post paid. Write for prices on quantities.

Special Combination of Grass Seeds Scientifically Mixed and Blended to Order.





## Buck Brand Pasture and Grazing Mixtures

For farmers who are intending to put land down permanently to grass, our special Grass and Clover Mixtures are decidedly better than sowing two or three varieties together.

The prices on all feedstuff have been so high during the last few years that all farmers and stockmen see the necessity of making every acre of land pay, and there are thousands upon thousands of acres of land all over the South that are not working, that would pay big if sown down to Permanent Pasture. Every farmer knows the value of pasture for all stock and we have a mixture listed below suitable for any Southern soil, read them over carefully and have a good pasture so the stock will gather their own feed. Our pasture mixtures can be sown any time you have your land well prepared during the months of September, October, November, December, February, March and April.

Prices on Clovers and Grasses are constantly changing—Write when ready to buy in large quantities.

**1112—BUCK BRAND SHADY PASTURE No. 1**—Composed of the grasses and clovers which grow best in the shade; as we know every farmer wants some shady spots in his pasture if it is possible to have same; also wants his shady ground to produce, therefore we furnish this mixture composed of the following grasses and clovers: Kentucky Blue Grass, Japan Clover, English Rye Grass, White Clover, Meadow Fescue, Red Top, Orchard Grass, mixed, of fresh, clean, high germinating seeds. Sow 15 lbs. to the acre. Price, 1 lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.50 post paid. Write for prices on larger quantities.

**1113—BUCK BRAND UPLAND MIXTURE No. 2**—This mixture is our main pasture mixture or mixture for general planting and is composed of clovers and grasses which do well on our Southern uplands, mixed of the highest grade seeds that money can buy: Perennial Rye Grass, Tall Meadow Oat Grass, Orchard Grass, Meadow Fescue, Blue Grass, Sweet Clover and Japan Clover. Sow 20 to 25 lbs. to the acre. Price, 1 lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.50, post paid. Write for prices on quantities.

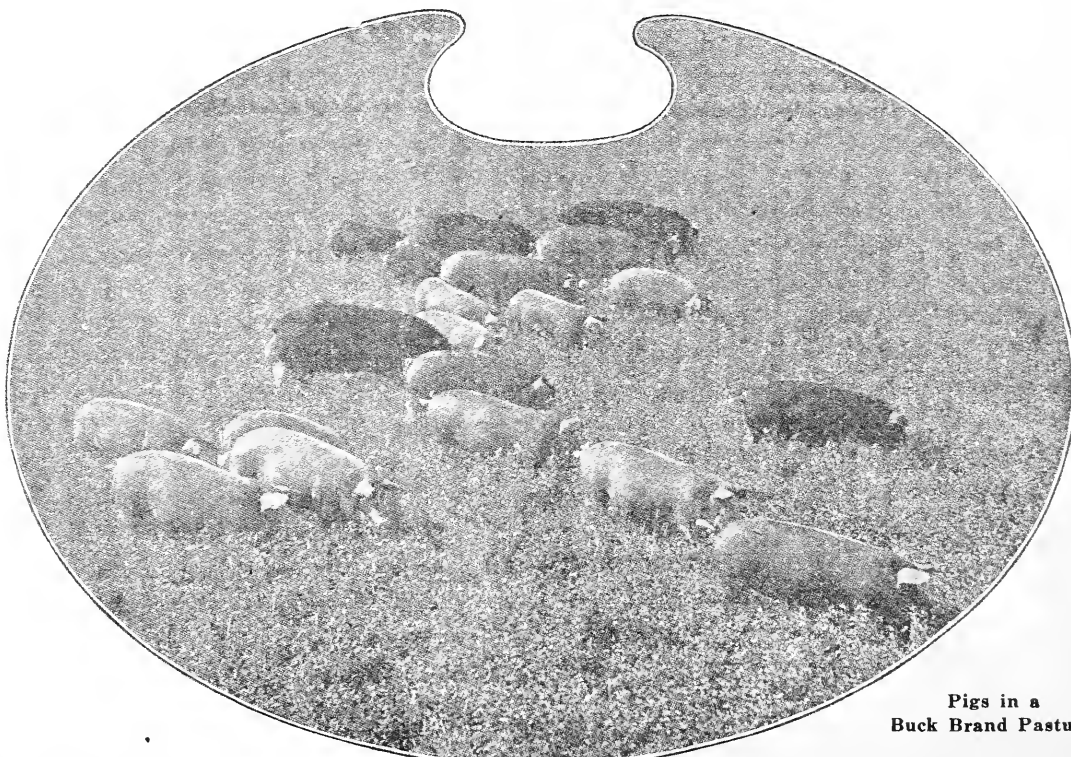
**1114—BUCK BRAND LOWLAND PASTURE No. 3**—Most every farm has some low land unfit for cultivation owing to its remaining wet until too late to plant in the spring, and this very land would be made to pay well if sown with our Lowland Pasture Mixture. The formula for this mixture has been tried on many thousands of our Southern farms with excellent results. Mixed of following seeds: Alsike Clover, White Clover, Red Top, Timothy, Orchard Grass, English Rye Grass, Blue Grass and Sweet Clover. Sow 15 to 20 lbs. to the acre. Price, 1 lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.50, post paid. Write for prices on quantities.

**1115—BUCK BRAND PERMANENT MEADOW No. 4**—This special mixture for mowing hay is composed of grasses and clovers which ripen together for the first cutting, but it also contains smaller proportions of other grasses, which will increase considerably the second cutting and also add very much to the pasturage yield in case it is desired to use the field for pasturage afterwards.

Farmers are realizing more each year the value of those idle acres if put to work and also the value of a hay crop, especially when the crop is improving the land. Many acres, considered worthless and grown up in weeds, have been brought back to a high state of fertility by running a few years in a meadow.

This mixture contains: Red Clover, Alsike Clover, Red Top, Tall Meadow Oat Grass, Perennial Rye Grass, Orchard Grass, Timothy and Japan Clover. Sow 15 lbs. per acre. 1 lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.50, post paid. Write for prices on quantities.

**1116—BUCK BRAND PERMANENT HOG PASTURE No. 5**—Is offered with the confidence that it will give stock raisers entire satisfaction. It has already been thoroughly tested and proved of great value for all kinds of stock. It contains four varieties of clover, besides many kinds of grasses. It is a substantial mixture which will prove a profitable investment to any farmer and, we are safe in saying, cannot be equalled anywhere. Not only is it suitable for hogs, but sheep, cows and horses relish this rich pasturage. You cannot afford to be without it. Composed of the following grasses: Red Clover, Japan Clover, Alsike Clover, Sweet Clover, Orchard Grass, Rye Grass, Blue Grass and Meadow Fescue. Sow from 20 to 25 lbs. of seed an acre. Price, 1 lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.50, post paid. Write for prices on larger quantities.



Pigs in a  
Buck Brand Pasture



## Buchanan's Grass Seeds for Pasture and Hay

All Prices on This Page are Post Paid.

**1100—BERMUDA GRASS**—A great boon in the South for pasture; when once established no amount of drouth or hot weather will kill it out. It succeeds on nearly all soils, furnishing a constant growth of grass during the summer, but becoming brown and bare in the fall and winter. It cannot be recommended too highly for pasture and general culture in the South, and it is also excellent for summer lawns. Its strong, creeping roots will absolutely prevent wash. Sow April to July (8 lbs. to acre). Price, 1 lb., 75c; 5 lbs., \$3.25; 10 lbs., \$5.75; 15 lbs., \$8.25. Write for prices on quantities.

**1101—RED TOP or HERD'S GRASS**—A hay and pasture grass. Succeeds on most kinds of soils, but does best on heavy or low, moist, stiff soils. By repeated mowing, this grass holds well during the summer, but its chief value is for winter pastures. Will stand wet weather admirably, growing well after being covered with an overflow of water for two or three weeks at a time. It is used largely for hay. For lawn and pasture mixtures it is invaluable. Sow 15 to 20 pounds of our fancy re-cleaned solid seed to the acre. Price—1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 15 lbs., \$6.00. Write for prices on quantities.

**1103—KENTUCKY BLUE GRASS**—A lawn and pasture grass, succeeding best on limestone land, but does well on stiff clay and medium soils. Forms a compact sod and stands tramping exceptionally well. In most sections of the central South it is largely sown for lawn purposes also, as it remains almost dormant during the hot weather, and improves after the first year on suitable soil until you have a beautiful stand. Its principal value in pasture seeding is for mixing with Lespedeza, Bermuda, Carpet Grass, and other summer growing grasses, clovers, etc. Sow about 40 lbs. to the acre, preferably during the early fall or spring. Price—1 lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 15 lbs., \$7.50. Write for prices on quantities.

**1104—ORCHARD GRASS**—A hay and pasture grass. A coarse growing, bunch grass, furnishing good grazing in early spring and late fall. Its growth is checked during the hot weather; it will endure considerable rough treatment without injury and should be kept closely grazed for best results. Does best on moist or heavier clay soils; will stand much shade and is excellent for woodland pastures and for sowing in gullies, to prevent erosion. Yields from 1 to 3 tons of hay per acre. Throughout Florida and in parts of other Southern States, Orchard Grass is extensively sown during the early fall and spring for lawn purposes. Sow about 40 pounds to the acre of our extra fine, re-cleaned seed. Price—1 lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.50; 15 lbs., \$4.85. Write for prices on quantities.

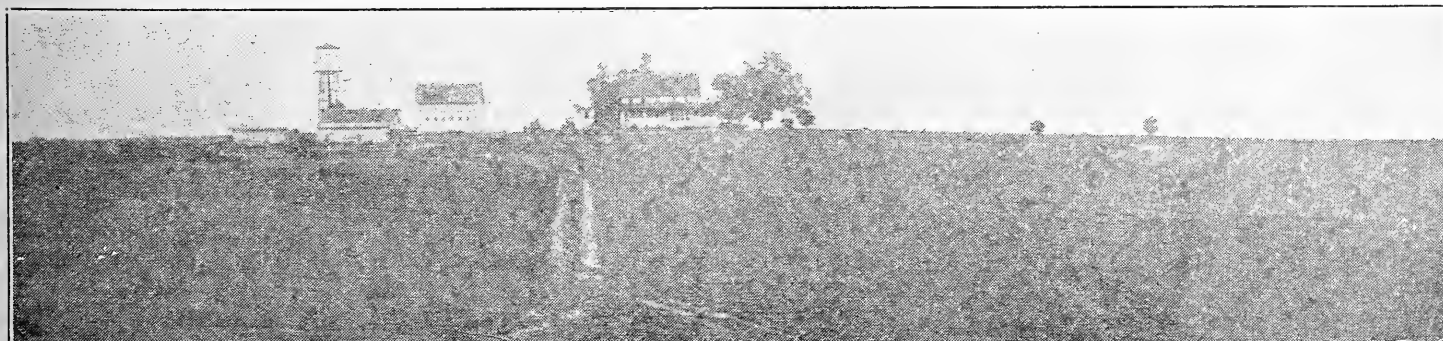
**1105—PASPALUM DILATATUM, or DALLAS GRASS**—Also known as Large Water Grass. It is a smooth, perennial, with deep, strong root system and grows in clumps or bunches 2 to 4 feet high. The leaves are numerous near the ground but few on the stems. The stems are slender and usually drooping with the weight of the flower clusters. In the South, it makes an all-year-round grazing and hay grass where it spreads naturally. Owing to its tendency to lodge, this grass is better suited for pasture than for hay. It is one of the best winter pasture grasses for heavy, moist, black soils. It remains green all winter unless injured by severe frosts and persistent grazing will not injure it. Price—1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00. Write for prices on quantities.

**1106—CARPET GRASS**—Its creeping habit enables it to bear close grazing without injury. It is strictly a pasture grass, seldom growing large enough to be worth cutting for hay. It will stand close grazing and heavy tramping better than any other grass in the Gulf region. Carpet Grass pastures are readily established by seeding at any time from early spring to late summer on well-firmed seed bed, when moisture conditions are favorable. The carrying capacity of good carpet grass pasture is one cow to the acre for the five best months and one cow to two acres for three to five months longer. Lespedeza, white clover, vetch are desirable in mixture with Carpet Grass. Italian rye may be used as a winter mixture. To secure a full stand of the grass promptly, seed should be sown at the rate of 10 pounds per acre. Price—1 lb., 75c; 5 lbs., \$3.00; 10 lbs., \$5.50; 15 lbs., \$7.50. Write for prices on quantities.

**1107—ENGLISH RYE**—Very valuable for permanent pasture; also for lawn purposes. It makes a very heavy leaf growth for pasture or hay. Withstands drouth to a remarkable degree. Used extensively throughout our section for lawns. Use it in Bermuda sod to keep the lawn green during the fall, winter and early spring, when the Bermuda is dormant. Sow from September until March at the rate of one to two bushels to the acre. Price—1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 15 lbs., \$3.75. Write for prices on quantities.

**1109—CANADIAN BLUE GRASS**—A flat-stalked meadow grass. Grows a foot or more high. Recommended for horses, cows and sheep. Thrives well on clay. Sow 30 to 40 lbs. to the acre. Price—1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 15 lbs., \$5.55. Write for prices on quantities.

**1110—TALL MEADOW OAT GRASS**—Desirable for permanent pasture and meadows, because of its early growth, also from the fact that it produces a heavy growth after being mown, and lasts several years. It grows wherever Orchard Grass will. Sow 28 to 30 lbs. to the acre. Price—1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.15; 15 lbs., \$6.00, post paid. Write for prices on quantities.



HAVE A PASTURE LIKE THIS ON YOUR FARM.

**(1108) Timothy**

The Most Extensively Grown Hay Grass—12 to 15 Lbs. Sows an Acre.

For hay, Timothy is the best known and most extensively grown of all grasses. A stand is easily established, it is inexpensive to sow, it starts quickly and yields its best crop the year after it is sown, but the following year's crop may be equally as heavy if liberally top-dressed with stable manure. It stands up well, is easily cured and is heavy for its bulk, for which reason it has proved the most profitable hay crop when grown for market. The yield on good land frequently runs from 1½ to 3 tons to the acre.

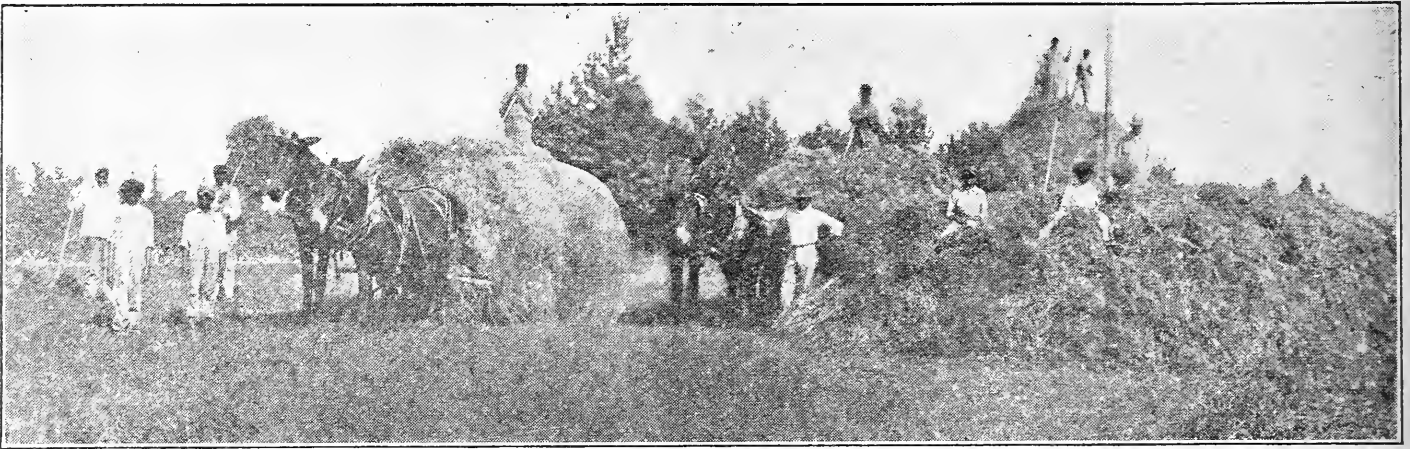
Timothy requires good land to make good crops—this applies particularly to Timothy, for, unlike other grasses, it does not enrich the soil, but exhausts it, so that top-dressing with stable manure or fertilizer is advised; the fertilizer should contain a liberal amount of ammonia. If sown with sapling clover the clover will help to supply nitrogen.

Meadow Fescue or Randall Grass, Red Top or Herd's Grass and Sapling Clover all mature at the same season as Timothy, and are good grasses to sow with it for hay and grazing, increasing the yield of hay and the yield and value of the pasturage. A good mixture is 6 lbs. Timothy, 5 lbs. Red Top or Herd's Grass, 7 lbs. Meadow Fescue and 5 lbs. Alsike Clover; this mixture will furnish an excellent hay and fine pasturage on good loamy soils or on low ground. If Timothy and Alsike Clover are sown together, mix 8 lbs. Timothy and 6 lbs. Alsike Clover.

The common practice in the West of sowing Timothy and Red Clover mixed is not recommended, as Red Clover ripens earlier than Timothy, and Timothy is easily injured by early cutting and the hay shrinks in weight. The best time to cut is when it is in bloom; it is then easier to cure and its feeding value is highest.

Timothy grows best on clay or heavy loam, lowlands and in mountainous districts, but grows quite satisfactorily on any good loamy soil, provided there is abundant moisture.

Price—Pound, 25c; 5 lbs., \$1.15; 10 lbs., \$2.00; 25 lbs., \$4.75, post paid. Write for price on quantities.



Cutting and Stacking Lespedeza Hay (Japanese Clover) on Farm of Ed Carr, near Vanndale, Arkansas

**(1061) Lespedeza (Japanese Clover)**

1. Lespedeza is the salvation of Southern worn cotton lands.
2. Lespedeza produces a good hay crop on rich bottom lands.
3. Lespedeza has never failed to grow on any soil in the Middle or Southern states.
4. While Lespedeza will grow year after year on hard, compact, uncultivated soil, it will respond in a marked degree to cultivation.
5. At Arlington Farm, Va., in 1916, a crop of 12 to 14 inches high was obtained on land that was well prepared, while the plants on adjacent plats that had received no cultivation grew only 5 to 6 inches.
6. Lespedeza thrives on a great variety of soils and has a beneficial effect on the crops which follow it.
7. Lespedeza is the one seed that the Creator of All Things sent to us of the Southland to restore our Worn Cotton Lands.
8. Lespedeza is a clover (Japan Clover) and any clover improves any land on which it will grow and Lespedeza will grow on any land in the South, regardless of how poor it might be.
9. Lespedeza is the only clover that will grow successfully on and materially improve worn and sour hillsides, at the same time furnishing excellent pasture or nutritious hay in abundance.
10. Lespedeza produces the cheapest crop of good hay that can be grown on Southern land and furnishes the most economical fertilizer.
11. It is slow in starting in the spring, but makes its best growth during the hottest part of the summer, when grass plants are likely to be dormant.
12. The chief use which should be made of Lespedeza is as a constituent in permanent pastures of Bermuda grass and carpet grass.

Although an annual plant, it produces sufficient seed even under close grazing to reseed itself and is, therefore, as useful as if it were a perennial.

Lespedeza being one of the leading crops of the South, we have made an exhaustive study of its growing and seed conditions and we are fitted to take care of your wants if you want the best, cleanest seed obtainable, free of Johnson Grass and Wild Onions.

Price—Pound, 50c; 5 lbs., \$2.00; 10 lbs., \$3.75; 25 lbs., \$7.50, post paid. Write for prices on quantities.

Write Department of Agriculture, Bureau of Publication, Washington, D. C., for Farmers' Free Bulletin No. 441—Lespedeza or Japan Clover.





**R.B. BUCHANAN SEED CO. MEMPHIS, TENNESSEE.**



**BUCK BRAND TESTED SEEDS**

## (1111) Buchanan's Sudan Grass Seed

This grass is an Annual belonging to the Sorghum family. The first seed was secured from Khartum, Sudan, in 1909

When planted in rows and cultivated in fairly rich soil it grows to a height of 7 to 9 feet and has stems  $\frac{1}{4}$ -inch in diameter. Broadcasted it rarely exceeds three to five feet in height and the stems are much finer in diameter. Sudan Grass is not particular about the soil but it does best in fairly rich clay loam; stools abundantly, as many as 100 stalks coming from a single root. In general appearance, Sudan Grass is very much like Johnson Grass, but they are entirely distinct, for Sudan Grass lacks root stocks and, therefore, never becomes troublesome as a weed.

### A CATCH CROP

Belonging to the Sorghum family it has a short growing season, maturing for hay from about 75 to 80 days. This quality allows for its use as a catch crop. Sudan Grass should not be planted until the soil has become warm in the spring. Planting in cold soil delays germination and dwarfs early growth. It can be sown any time during the summer as long as 70 to 80 days intervene before the date of the first expected frost.

### HOW TO PLANT

Sudan Grass can be sown in rows 18 to 42 inches apart and cultivated like corn, or it can be drilled in with a grain drill or sown broadcast by hand. Planted in rows 36 to 42 inches apart two to three pounds per acre of good seed is sufficient, in rows 18 to 24 inches apart 4 to 6 pounds and drill or broadcast, 16 to 24 pounds per acre.

Sudan Grass is easy to cut with a mower and cures readily so that the process is much the same as that of the millet or any other hay grass and yields from 2 to 4 tons of cured hay per acre. It is best to cut just after full bloom, so that it will have as much time as possible for the second growth. After cutting it renews its growth promptly and in about 40 to 50 days another cutting is ready. Sudan Grass grows abundantly after the first cutting and the second is very fine stemmed.

Sudan Grass makes a very nutritious and palatable hay which is greatly relished by both cattle and horses. Also can be cut green and used as a soiling crop to good advantage. Sudan Grass matures for hay in about the same length of time as Millet. The quality of hay is much superior to Millet hay and is recommended as a substitute for Millet as a catch crop.

### A HEAVY HAY PRODUCER

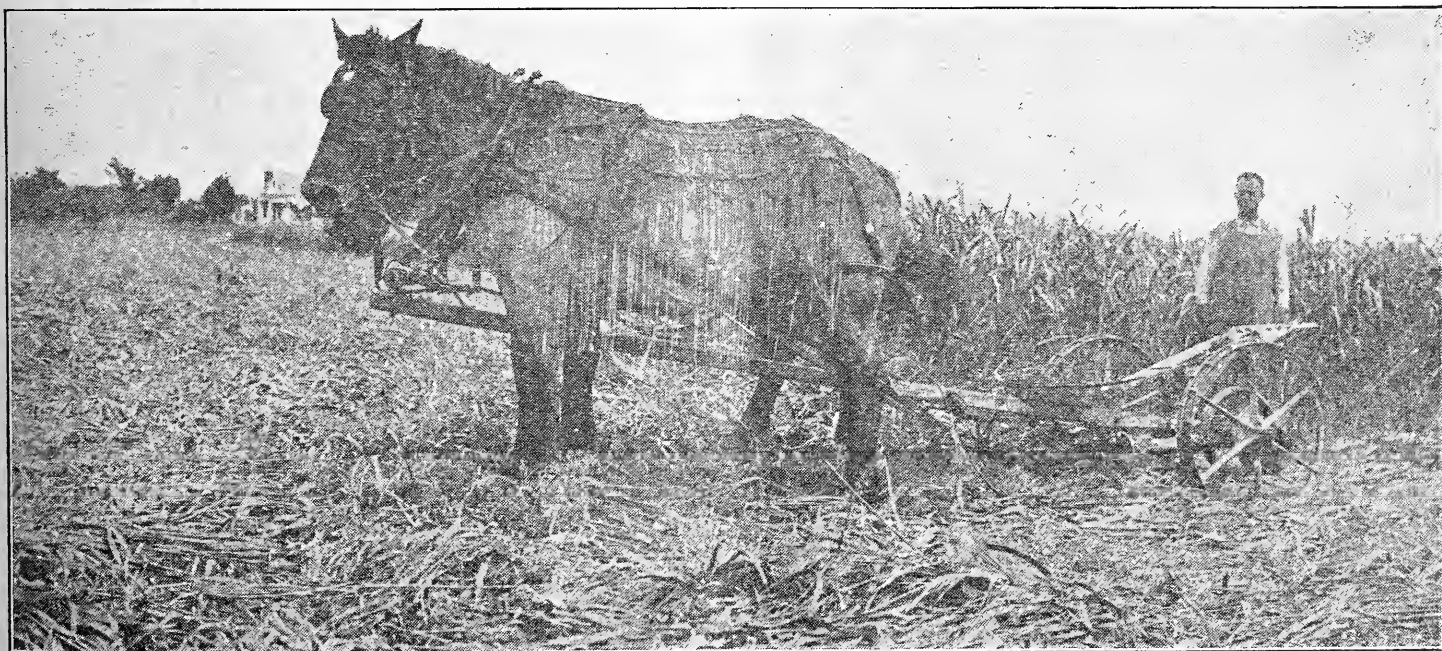
We are recommending Sudan Grass to our customers as a dependable, safe, profitable forage and hay crop. It possesses wonderful hay-producing qualities, and for home consumption or on the market it is more than equal to the millets and native grass hays. Sudan produces from two to ten tons of hay to the acre. These figures may sound too big to be really true, but they are based on weight crops reported by the Experiment Stations from all over the United States. Compared with the common hays of the Southwest, Sudan possesses a remarkably high acre feeding value.

### A SUCCESS AS A PASTURE

Sudan grows right along under heavy grazing, and it is a noticeable fact that stock prefer it to the native grasses. There is no crop that you can sow that will stand as much heavy grazing as Sudan Grass. All kinds of stock, hogs, cattle, horses, sheep, etc., like it. No farmer should fail to plant a pasture crop of Sudan. It will grow right along in dry spells when other grasses curl and stop.

### ABOUT PRICES

We contract for our seed direct from the producers whose fields are inspected and certified by Government Inspectors. Be careful about buying Sudan Grass Seed from unknown dealers. Remember, cheap seeds are the most expensive article of merchandise that you can buy. For more information, write Department of Agriculture, Division of Publication, for Bulletin No. 605. We purchase our seed in carload lots, thus getting advantage of the quantity price and cheaper freight rates; so that we are in position to supply you at the lowest possible price of heavy cleaned seed of high germination. Price—1 lb. 25c; 5 lbs. 75c; 10 lbs. \$1.25; 20 lbs. \$2.00, post paid. Write for prices on larger quantities.



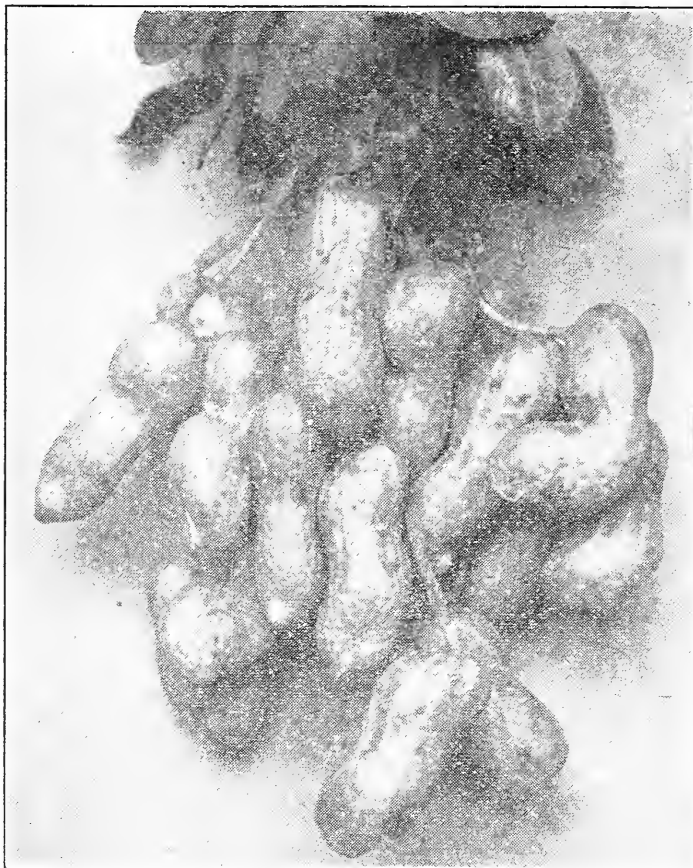
MOWING SUDAN GRASS TO BE RAKED FOR HAY ON AN ARKANSAS FARM



## Buchanan's Vetch and Peanuts

Any soil that will grow corn or cotton will grow peanuts; on light sandy or loamy soils there are few crops more profitable. In addition to the yield of nuts, the hay is superior to alfalfa in fat and almost equal in protein. After the oil is extracted the meal ranks with cottonseed meal and linseed meal in feeding value. Compared with corn, an acre of peanuts will make nearly three times as much meat.

**Culture**—Plant the shelled nut in May or early in June, dropping the nuts 8 to 10 inches apart in  $2\frac{1}{2}$  to 3 foot rows and cover 1 to 2 inches deep. Cultivate thoroughly until the nuts begin to form. When harvesting loosen the roots with a plow, pull the vines with the nuts attached, allow them to dry, and stack around a stake, turning the nuts inward. Cross stakes or brush should be set at the foot of the stake to hold the vines off the ground.



Spanish Peanuts

### (1177) Spanish Peanuts—Bunch

Although not as large as other kinds, there is no peanut grown that so entirely fills the pod nor can compare with it in sweetness and flavor. There is also a marked freedom from pops, so frequently found in the large varieties when grown under unfavorable conditions. They can be grown closer than most varieties, are more easily cultivated and gathered, as the nuts, which are clustered around the base of the plant, cling firmly to the roots, and no peanut is more readily cured. Price—Pound, 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.35, post paid. Write for prices on quantities.

**1178—TENNESSEE RED RUNNING**—The finest large variety grown; similar to Spanish Peanuts, but the pods are much larger and longer, well adapted to all soils. The pods usually contain from three to four nuts, which are very rich and highly flavored. Price—Pound, 25c; 5 lbs., \$1.15; 10 lbs., \$1.90; 25 lbs., \$4.50, post paid. Write for prices on quantities.

### (1180) Virginia Peanuts—Red

The biggest, brightest peanuts always have preference when the market is depressed, so you cannot be too careful about the peanut you grow. There is no peanut of the running type that will yield better crops with as small a percentage of pops as our selected stock of Improved Virginia Peanuts. They are uniformly large, and when grown on light sandy land will produce nuts of that bright attractive appearance demanded by the best trade. Price—Pound, 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.50, post paid. Write for prices on quantities.

**1179—JUMBO OR MAMMOTH WHITE VIRGINIA**—Large size pods; best variety for commercial use. Price—Pound, 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$5.50, post paid. Write for prices on quantities.

## Vetch

Is a wonderful nitrogen gatherer and soil improver. It grows surprisingly well on poor land. It reseeds itself. It increases the milk flow. It saves on the fertilizer bill. Stock eat it with relish and fatten on it. It yields a wonderful amount of forage and hay.

**For Feeding and Grazing**—It is eaten with relish by all kinds of stock, and its fattening properties are of a high order—analysis shows that it contains 17 per cent of protein. It furnishes splendid grazing during the early spring, and if not grazed too long, will produce a heavy crop of hay. All who are interested in an increased milk production and the fattening of stock will be well pleased with Vetch.

Sow as early as the weather will allow, 25 to 30 lbs. to the acre, with 3 pecks of Rust-Proof Oats to hold the vines off the ground and make the cutting easier. Sow also in corn and cotton at the last working without any expense for preparation of the land.

**1176—HAIRY OR SAND VETCH**—The hardiest vetch. Fine for hay, grazing and improving land. Resows itself, coming year after year from a single sowing. Grows well on all soils and surprisingly well on poor, thin land, and will stand extremes of drought, heat and cold. The yield of hay is really wonderful, as many as twenty long vines growing from a single root. It may also be sown in the fall to make hay about the end of May, for an excellent pasture or to prevent the leaching of plant food from the land by the winter rains. It never winter kills. Price—Pound, 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00, post paid. Write for prices on quantities.

**1175—OREGON VETCH**—Makes the same tall growth as Hairy or Sandy Vetch, but has larger leaves and does better on heavier soils and makes a fine hay of high feeding value and much relished by all kinds of stock. Price—Pound, 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00, post paid. Write for prices on quantities.

**1155—AUGUSTA OR SPRING VETCH**—Very popular in the South the past few years; about three weeks earlier in spring than Hairy Vetch. Sow 20 lbs. to acre with other grains. Price—Pound, 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00, post paid. Write for prices on quantities.



Sand or Hairy Vetch



## Buchanan's Millet Seed

WRITE FOR PRICES IN QUANTITIES WHEN READY TO BUY

ALL PRICES ON THIS PAGE POST PAID.

### (1185) Tennessee Grown Golden Millet

(Formerly German Millet)

We have said considerable in the past about the importance of Southern grown seed being necessary for a successful crop of Golden Millet in the South. Golden Millet is an important and nutritious hay crop, largely grown throughout the South, relished by horses and cattle. Seed thickly, not less than one bushel per acre, any time from the middle of May through July, but not too early, because it does not grow off nicely until the soil and weather get warm. It matures in from six to eight weeks after seeding. Cut while in bloom, before the seed hardens in the head, as after that the hay quality decreases. There are two necessities for a successful crop of Golden Millet—first, rich or highly manured ground; second, Southern grown seed, that from Tennessee being the best. Price—Large pkt., 10c; 1b., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 10 lbs., \$1.75.

1186—GOLDEN OR GERMAN MILLET—This is one of the best hay crops for the South, the hay being of fine quality, ranking as high as Timothy. It is easily grown and cured, and matures very rapidly. It is best sown about April 15, on well prepared ground, and it should also be well fertilized to give best results. Results will be worth the expense of this preparation, as the yield will be greatly increased and the quality of the hay is very high. A common practice in some sections is to sow German Millet after truck crops which have been fertilized, and in this way it makes with little or no additional fertilizer. After potatoes, beans or tomatoes it does well, and it can be planted as late as July, and the crop will come off in plenty of time to get a fall crop of grain. Good seed is an important factor, and ours is the very best. If you have not grown this crop before, it certainly deserves a trial, and if directions are carried out, you will be pleased. Price—Large pkt., 10c; 1b., 15c; 2 lbs., 25c; 5 lbs., 90c; 10 lbs., \$1.60.

Farmers' Free Bulletin  
No. 431, The Peanut.



Tennessee Cultivated Millet

### Buchanan's Non-Saccharine Sorghums

All the following varieties of sorghum succeed in the driest season. When common corn will fail entirely for want of rain, these plants simply stop, wait for the rain, and then go and make a full crop. In weight of grain they will make more per acre than the same land will make corn. In the way of dry forage they give enormous returns, at a cost less than the cost of gathering alone of fodder corn. Cultivated the same as corn. They will grow on any land where corn will and on many lands too poor for corn. As soon as the seed begins to glaze, commence to cut and shock. It usually requires one week of good hot sunshine to cure the hay. The main point is to cure the hay so that it will not sour when stacked or stored away. The seeds may be threshed by running the stalks through a threshing machine, from which all but one row of the concave teeth are removed.

#### (1216)—Egyptian Wheat or Shallu

(Sometimes called Chicken Corn)—If it is used for fodder purposes, it may be cut about three times a year, yielding in the three cuttings from 5 to 7 tons per acre. Grows 6 to 8 feet high. Plant from January until July, depending upon your locality. We recommend sowing 10 pounds to the acre in rows  $3\frac{1}{2}$  to 4 feet apart. Sow broadcast at the rate of 25 lbs. to the acre. Price—Large pkt., 10c; 1 lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 10 lbs., \$1.75.

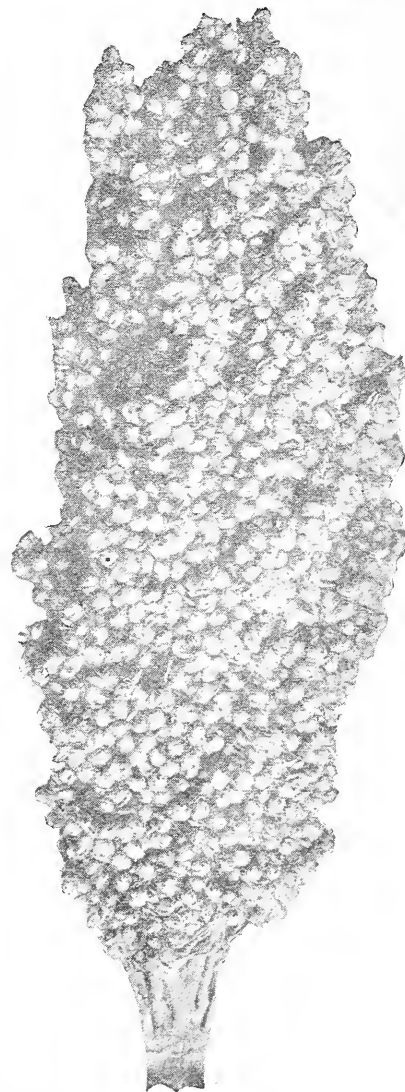
#### (1210) White and (1211) Red Kaffir Corn

These two varieties become more valuable every year because of their drought resisting qualities. Grow 4 to 5 feet high, are very stocky and leafy; valuable alike for forage and grain. Plant from March to July, in rows 3 feet apart, drilling seed thinly like sorghum. If wanted for grain principally, let heads mature on the stalk and then the whole stalk may be cut for fodder after the seed heads have been cut. Price—Large pkt., 10c; 1 lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 10 lbs., \$1.75.

1215—TEOSINTE—A gigantic fodder plant, somewhat resembling corn, but with larger and broader leaves and sweeter stalks. It stools out enormously, growing a large number of stalks from each seed. It may be cut green all through the summer for cattle and horses, and also makes splendid dry fodder. Sow in May or June two seeds in a hill, 3 to 4 feet apart each way. Price—Large pkt., 10c; 1 lb., 95c; 2 lbs., \$1.80; 5 lbs., \$4.75; 10 lbs., \$9.00.

1213—YELLOW MILO MAIZE—This makes a thick, succulent growth of forage, very nutritious and of splendid milk-producing qualities, and like sorghum, can be cut over two or three times where it is desired to cut for green forage. Also makes excellent ensilage, or can be cured same as other sorghums. Price—Large pkt., 10c; 1 lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 10 lbs., \$1.75.

1214—FETERITA—A non-saccharine cane, a new forage crop for the South. Similar to Kaffir Corn in general habit, but grows a little taller and produces larger heads, standing erect, white seed and early maturity. Price—Large pkt., 10c; 1b., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 10 lbs., \$1.75.



Kaffir Corn





R.B. BUCHANAN SEED CO.



MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

## Buchanan's Cane Seed for Syrup and Forage

ALL PRICES ON THIS PAGE POST PAID



Buchanan's Honey Drip Syrup Cane

### Black Amber Cane Seed

Also called Early Amber, it is the earliest cane seed in cultivation and there is 20 times as much sown broadcast for early feeding than all other varieties combined. We handle this cane in car lots and are in position to quote you on 500, 1,000, 2,000 pound lots or car lots. Write for prices when ready to buy in large quantities.

### (1194) Buchanan's Honey Drip Syrup Cane

**MATURITY**—It is two weeks later than Amber or Orange and makes a larger stalk and fully more than 1/3 more fodder than either Amber or Orange Cane. Therefore, it is especially recommended for silos.

**CULTURE**—Plant this cane seed on good land during April or May in drills (3-foot rows) at the rate of 8 to 12 pounds per acre. Cultivate like corn and chop out like cotton, leaving plants about 4 to 6 inches apart in the row. One seed will stool out and produce three to five stalks, usually growing from 10 to 12 feet tall, and under favorable conditions this variety will usually produce from 30 to 50 bushels of seed per acre and 125 to 200 gallons of syrup per acre, which is usually of a fine flavor and always sells well. It is best to cut for making syrup just as the seeds ripen, as the plants have more saccharine at that state of development, but if you desire to save seed, let the plant mature and cut when it is fully ripe. The seed heads should be cut and cured in the field. This variety of sorghum produces an abundance of splendid fodder. Some of the larger syrup makers do not pull the fodder, but run the stalk and fodder through a cane crusher, thereby saving labor. This method of crushing the cane may cause the syrup to be a little darker in color than if the fodder is pulled. Seed should not be run through crusher after they ripen.

It is an all-purpose Sorghum Cane, recommended in the highest for syrup, silage, fodder and seed. Orange, Amber and Red Top Sorghum are not good for syrup making and it is our experience that Texas Seeded Ribbon Cane cannot always be depended on for purity. It is somewhat similar to the Seeded Ribbon Cane but can be depended upon and is a vastly better cane for all its purposes all the way through. It is a valuable crop for feed, seed and syrup. Five pounds is enough to plant 1/3 acre, a plenty to give every planter seed to try it out for himself and to get a good start. Price—Pound, 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

**1195—TEXAS SEEDED RIBBON CANE**—This cane gets its name from being a variety that closely resembles the true Ribbon Cane raised from cuttings. Many plant it for syrup and claim it makes the very best. Price—Pound, 20c; 5 lbs., 85c; 10 lbs., \$1.50.

**1196—JAPANESE HONEY SYRUP CANE**—Claimed by many as the best of cane for making syrup ever introduced, we sell it more for silo, owing to the amount of sweetness it contains. Price—Pound, 20c; 5 lbs., 85c; 10 lbs., \$1.50

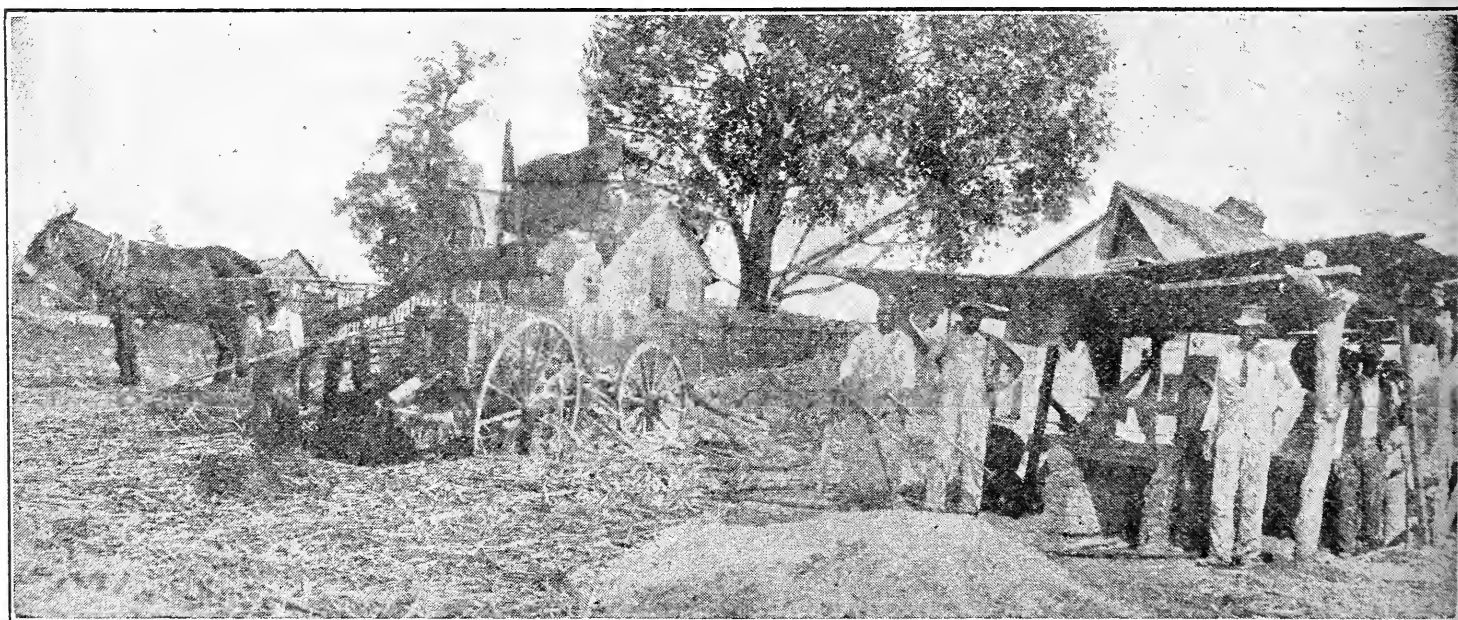
### Sorghum or Cane Seed for Forage

**Recleaned—Free From Trash and Dirt**—Every year the sowing of Sorghum in the South for forage and hay crops becomes more general. Can be sown either alone or mixed with cowpeas. Planted in drills, use 8 to 10 pounds per acre, or about a bushel (50 pounds) broadcasted for forage; if sown broadcast with peas use about 1/2 bushel (25 pounds) with one bushel of peas. It pays to fertilize sorghum heavily, the increased yield more than paying for the fertilizer. Every bushel of sorghum seed we send out is thoroughly recleaned and free from trash, stems and dirt.

**1198—EARLY AMBER SORGHUM**—The earliest type in cultivation. Stalks tall and slim. Most suitable for hay, as it matures very quickly. Price—Pound, 15c; 5 lbs., 65c; 10 lbs., \$1.00.

**1197—EARLY ORANGE SORGHUM**—Largely used for hay and fodder. It is taller and has heavier stalks than the Early Amber. Price—Pound, 15c; 5 lbs., 65c; 10 lbs., \$1.00.

**1199—RED TOP SORGHUM**—Later, larger growth and better drought resister than Amber and Orange. Growing in favor in the Southeast. Price—Pound, 20c; 5 lbs., 75c; 10 lbs., \$1.25.



Old-time Sorghum Making on an Arkansas Farm.

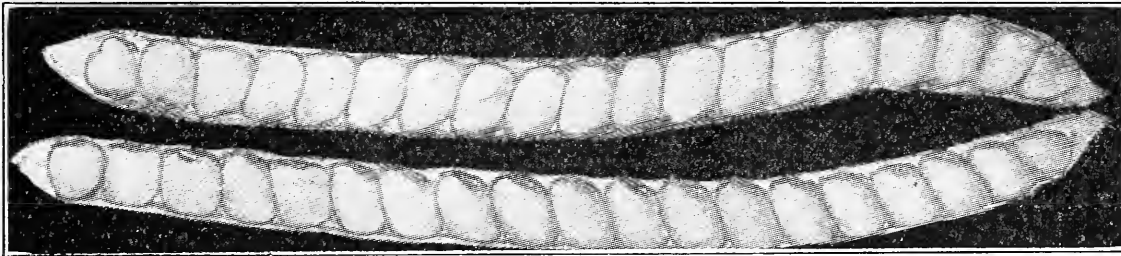
We shall be pleased to make Special Prices, where possible, to buyers of large quantities of Grain or Grass Seed. Write us. (Page 72)

**R.B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

## Buchanan's Cowpeas and Table Peas

All Prices on This Page Postpaid

The prices on Cowpeas, Field Beans, and Edible Cowpeas are constantly changing, and it is impossible to quote prices on quantities when this catalogue is printed, but in season we will quote prices promptly upon receipt of your inquiry asking for same.



### BUCHANAN'S CREAM OR SUGAR CROWDER PEAS

#### Field Peas

1235

**WHIPPOORWILL**—A favorite, early, upright-growing variety, more largely used and sold than any other kind. Has brown speckled seed, which are easily gathered. Makes a good growth of vines, which can be easily cut and cured as dry forage. We recommend this where an early variety of good growth and height is desired. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$1.60.

1238

**NEW ERA**—An early maturing variety which has proved very popular and satisfactory. Upright growing, quick to mature, and is remarkably prolific of peas. Rather small vine which cures easily, making splendid dry forage. The seed are smaller in size than the ordinary Cowpeas, so that it does not require as many to seed an acre—from ¾ to 1 bushel per acre will give ample seeding. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$1.60.

1239

**BLACK**—This is the standard variety, and the one most largely grown in this immediate section. It is very prolific, makes a fine growth, both of vine and leaves, and a good yield of peas. It is a splendid land-improver, and most valuable as a forage crop, and makes an enormous yield of rich, nutritious feed. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$1.60.

1236

**THE CLAY**—It is the most popular pea in the South. The plants are vigorous, usually seeding sparingly. Tall, erect, large green leaves. Pods are large and yellowish; seeds kidney shaped, medium size, cream color; medium to late. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$1.60.

1240

**RED RIPPER**—Red-seeded; a most desirable and productive variety. Makes long running vines and a fair yield of peas. One of the medium late varieties. Very popular in sections where it is known. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$1.60.

1237

**MIXED COWPEAS**—The principal varieties in the Mixed Cowpeas we offer are the Clay, Black, Wonderful, Whippoorwill and other Southern varieties. A great many Southern farmers prefer to sow Cowpeas in mixture, as they grow thicker, producing a better crop of vines and forage than sowing single varieties alone. Where the crop is desired for soil-improving it is really an advantage to sow these mixed peas. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$1.60.

#### Table Peas

1241

**CREAM CROWDER**—A strictly southern grown table pea, has been known to a few many years, growing in popularity very rapidly both for gardens and for planting on a large scale with corn. It is white or cream in color, very sweet and gets the name Crowder from the fact that they fit the hull very closely. (See cut). This is a bunch pea and very prolific on any fertilized garden, and should be planted as you would any other bunch garden pea. They thrive on clay or sandy loam land and respond readily to corn fertilizer. Planted with corn, 1 row of corn and 1 row of peas (1 peck to acre), you will get usual amount of corn and from 10 to 20 bushels peas to the acre, depending on the fertility of the land. They sell well on any southern market, both as a green shelled pea and as a dry shelled pea for winter use. My stock is carefully machine cleaned and hand picked for seed purposes. Pkt. (4 oz.) 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c; pk. (15 lbs.) \$3.85.

1242

**RICE, OR CREAM**—A favorite Southern variety. One of the earliest to mature, and yields enormously of shelled peas, which are valuable for use as dried peas during the winter. They are superior in flavor to Blackeye Peas, and somewhat similar in appearance to the Gallavant, or Lady Pea, but are larger in size. Both these and the Gallavant Peas are very popular wherever grown, and they are usually readily salable at higher prices than Blackeye Peas. Pkt. (4 oz.) 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c; pk. (15 lbs.) \$3.75.

1243

**EXTRA EARLY BLACKEYE**—These are ten days to two weeks earlier than the Large Blackeye, and a most valuable variety. They do not run as much as the Large Blackeye Pea, but grow more in bush shape and hold the peas up well off the ground, and the pods are very thick-set on the vine. Pkt. (4 oz.) 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 50c; pk. (15 lbs.) \$3.00.

1246

**GALLAVANT OR LADY**—This is an old-fashioned pea, which is very popular in sections where it is known. The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific, and a desirable variety to grow. It is known in some sections as "The Lady Pea." Pkt. (4 oz.) 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c; pk. (15 lbs.) \$3.85.

1245

**LARGE BLACKEYE**—The Large Blackeye Peas are more prolific, better flavored, and bring a higher price than the ordinary Blackeye, and farmers will find it more profitable to plant these than the ordinary Blackeye; they make a more profitable crop to grow for picking the dry peas for sale in our markets during the winter. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c; pk. (15 lbs.) \$2.75.

1244

**WHITE BROWN-EYED**—A very desirable table pea and very much like our old-fashioned white black-eyed peas. Pkt. (4 oz.) 10c; ½ lb. 15c; 1 lb. 20c; 2 lbs. 40c; pk. (15 lbs.) \$2.75.

Please Order Vegetable Seeds by number prefixed to each variety. It will save your time in writing the order and our time in filling it.



## Buchanan's Soy, or Soja Beans

Prices on the articles below are constantly changing. When ready to buy in quantities, write for prices.

All prices on this page Post Paid.



Laredo Soy Bean

of fine stems, though unlike the O-Too-Tan, in that base to the tips of the branches. It is both wilt-resistant and nematode resistant, making it suited to a wider range of soils and farm uses than any other variety. As a soil builder it ranks favorably with other summer legumes making equal growth. It is a certain fruiter and a good crop is assured where it is given a fair showing. Laredo Soy Beans may be planted from the earliest cotton planting date to the first of July with reasonable certainty of a good crop. The larger yields may be expected on the earlier planting. The seed of the Laredo are very small and one bushel will plant from 8 to 10 acres in  $2\frac{1}{2}$  ft. rows. The seed should be dropped 3 to 6 inches apart in the drill for seed and somewhat closer for hay. The seed should be covered very lightly, not more than one inch, and it is best to plant following a season. It is advisable to inoculate Soy Beans that are to be planted on land that has not grown this crop for several years. Pkt. 10c; 1 lb. 35c; 5 lbs. \$1.75; 1 pk. (15 lbs.) \$5.00.. Write for quantity prices.

### O-Too-Tan Soja Beans

1226

**O-TOO-TAN SOY BEAN**—This is the hay bean par excellence. It is a beautiful, fast-growing plant, growing 4 to 5 feet high, with fine stems and delicate leaves. It does not shatter in harvesting either its leaves or grain. It cures very quickly and makes hay of fine texture, and splendid quality. For silage or forage, it runs a dead heat with the Biloxi. For hay or grain combined, it is the class of the Soy Bean family and leads the field. The O-Too-Tan is a shiny, jet black bean, rather small and one-half peck plants an acre. Plant in rows  $2\frac{1}{2}$  to 3 feet apart, or 4 to 8 inches apart in drill, any time in this latitude from April 1 until the end of July. They can be cut when just beginning to turn, and cured in the regulation way; or left until pods are almost ripe if wanted for grain. It is really hard to describe the O-Too-Tan without extravagance. Compare with cowpeas, for example, one-fourth the amount of seed will produce double the amount of hay, that can be cured in half the time and handled with infinitely less trouble. Besides that, when grown for seed, the O-Too-Tan will outyield cowpeas more than two to one, and its seed is weevil-proof. Compared with velvet beans it makes a better cover crop of greater tonnage, does not overrun trees or fence, and can be cut for hay if wanted, which the velvet bean cannot without great difficulty. Pkt. 10c; 1 lb. 35c; 5 lbs. \$1.60; 1 pk. (15 lbs.) \$4.75. Write for quantity prices.

### Mammoth Yellow Soja Beans

1227

**MAMMOTH YELLOW**—There are probably 25 different varieties of Soy Beans, but for an all-purpose bean the Mammoth Yellow has proven far superior to any other variety for Southern planting. To grow for a crop of beans, they should be planted in drills 3 feet apart, at the rate of about half a bushel to the acre, and cultivated the same as corn. Pkt. 10c; 1 lb. 25c; 5 lbs. 90c; 1 pk. (15 lbs.) \$2.00. Write for quantity prices.

### The Soy Bean—A Standard Southern Crop

Since the advent of the boll weevil, which now covers the entire cotton growing section of the South, farmers have turned from one crop to another to take the place of cotton as a money crop. We have been carefully watching all the different crops as tried in the South and it looks at the present time as if the Soy Bean has come nearer to being a Standard Southern crop than any other thing that has been tried. It is not one that is easily overproduced and not so perishable. Besides a money crop, Soy Beans should be used more extensively on all farms in the South. There is no better soil improver and nothing will produce more feed for hogs. It is valuable for seed saving and is a wonderful hay crop. We now have varieties that are suitable for every section, some that are especially adapted for hay purposes, others for soil improvement and others for food crops. It is true that cotton can still be grown in the South profitably, but not as cheaply as at one time, as additional expense has to be added now in making a profitable crop. There are some lands that have grown cotton in the past that cannot do so again, especially cold, heavy, clay lands where cotton is late in maturing. These lands are ideally suited to the growing of Soy Beans as a money crop and we believe they have a wonderful future.

### Laredo Soja Beans

1225

**NEW LAREDO SOY BEAN**—The Laredo Soy Bean is a new variety that is a distinct addition to the forage crops of the Cotton Belt. Its value, when compared to other Soy Beans, is in the fineness of its stems, its yield of hay, its medium early maturity and its heavy yield of seed. As a hay yielder, this bean is outstanding. A heavy yield of seed means economy in producing the seed crop for the next year. As compared with Cowpeas, the Laredo Soy Bean will yield from 2 to 3 times as much seed per acre. It is much easier to harvest, and, in seeding, only from one-sixth to one-eighth the amount of seed per acre required for Cowpeas, is necessary. The Laredo Soy Bean is a medium early variety with a growing habit somewhat like the O-Too-Tan, in that its bushy growth consists of a large number stems put out at the ground and are heavily fruited from the

All seeds listed on this page are delivered transportation paid in the U. S. or possessions. Order Early.





## Buchanan's Velvet and Mung Beans

### Early Velvet Beans

In the South, Velvet Beans are used very largely for winter grazing, and for this purpose is one of the best crops for the light soils. They should be allowed to grow until December or until killed by frost, after which they can be grazed through the winter as the vines, leaves and pods decay very slowly and remain palatable a long time. Early in the spring the crop remaining is plowed under as a soil improver and adds very materially to the productiveness of the soil.

Velvet Beans are usually grown with corn. The corn is planted in 5-foot rows, three feet apart in the row, and the beans planted in the corn. At the last working, beans are planted again in the middles between the corn. When the corn is dry it is pulled from the stalk, and cattle turned in to graze. It furnishes most nutritious and fattening food, and is considered the cheapest method of fattening cattle; at the same time the roots and what is left of the vines, when turned under, make a good soil-improver. Velvet Beans are usually planted in rows four to five feet apart at the rate of one-half bushel per acre.

**1228—Extra Early Velvet Beans—**Extra Early Velvet Beans, or 100-Day Speckled Velvet Bean. Although they will not mature the pods in one hundred days, this is one of the earliest varieties and can be grown farther north than the common Velvet Beans. In more northerly sections, where the seeds will not mature, it will make a wonderful growth of vines for pasturing and finishing cattle, and a fine soil-improver. Pkt., 10c; 1 lb., 25c; 5 lbs., 90c; 1 pk. (15 lbs.) \$2.00. Write for quantity prices.

**1231—Bush or Bunch Velvet Beans—**A popular new variety that is much in demand. The Bush Velvet Beans grow like Soy Beans. They can be planted anywhere the Extra Early Velvet Beans can and are much more easily handled. They grow from 2 to 3 feet high and from 2 to 6 feet wide, depending on the soil. They will produce about the same amount of beans as the Extra Early and make fine hay. They do not run or climb. Once tried, I believe you will always plant them. Pkt., 10c; 1 lb., 25c; 5 lbs., 90c; 1 pk. (15 lbs.) \$2.00. Write for quantity prices.

### Virginia Soja Bean

**1230—Virginia—**While this variety is particularly adapted to the South, on account of its earliness it is also a favorite variety for growing in the North and West, where the growing seasons are much shorter. It makes an excellent yield of hay as well as a large crop of Beans, and its profuse leafage and fine stems and stalks make a hay considered by many as good as Alfalfa, all of which is consumed by the stock. Pkt., 10c; 1 lb., 25c; 5 lbs., \$1.00; 1 pk. (15 lbs.), \$2.25. Write for quantity prices.

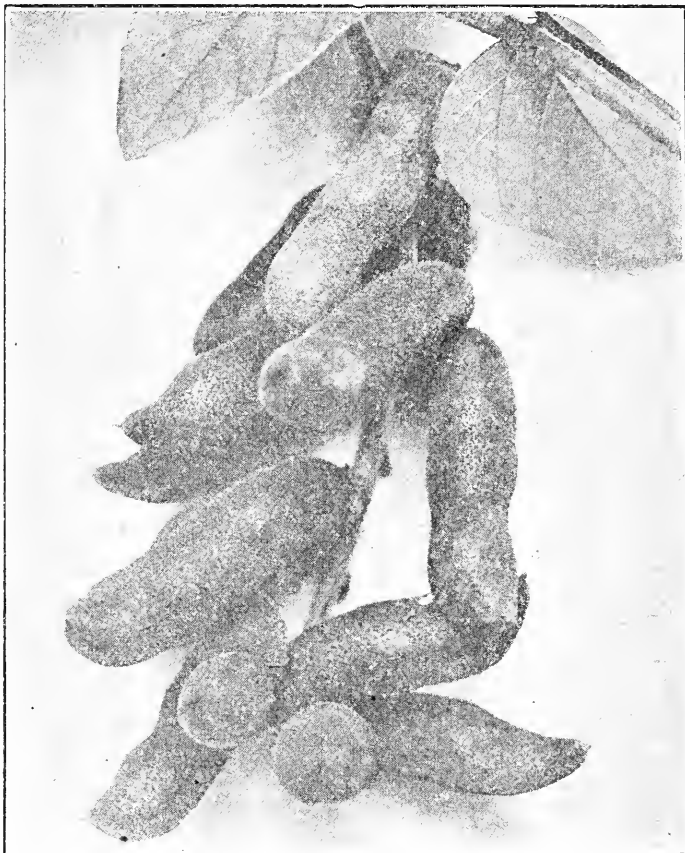
### Buchanan's Mung Beans

#### A Wonderful Crop—A New Bean of Great Value

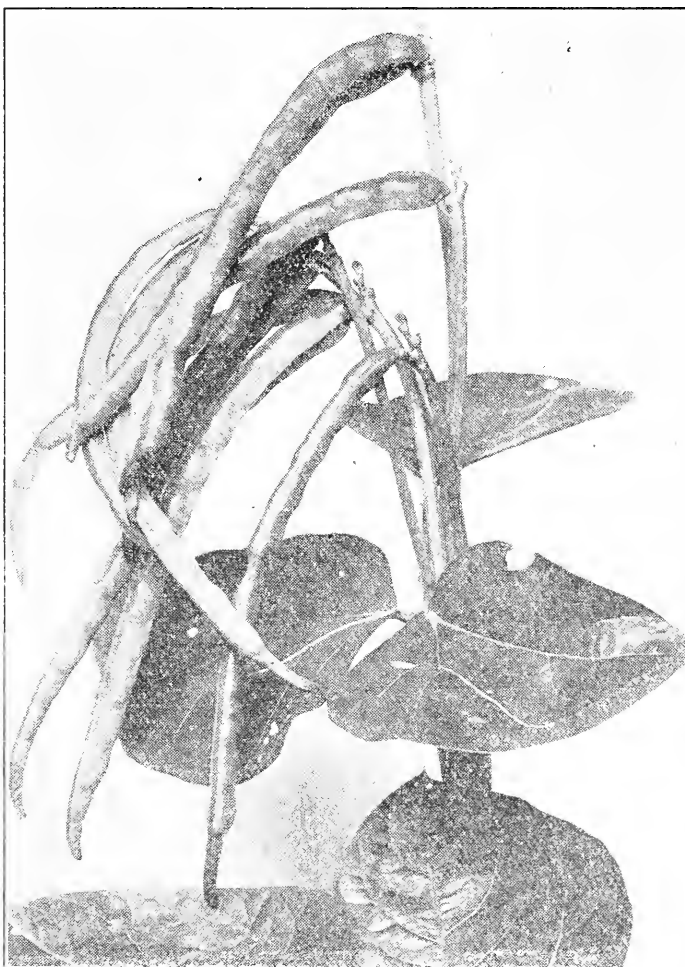
**1229—**A comparative new bean that has thoroughly demonstrated its value to the South. Mung Beans are great soil builders, they produce a large quantity of hay per acre, the beans are good to eat and make an excellent chicken feed. The plants grow from 3 to 5 feet high, in a straight, upright bushy form, are easy to cut and cure out and the hay is relished by any kind of stock. The yield of seed will run from 500 to 1,000 pounds per acre. Mung Beans are very hardy and will come to a stand under the most adverse conditions. They withstand wilt and insects of all kinds and do not weevil-eat like Cowpeas.

Mung Beans should be planted in May for hay or turning under. They produce a smaller plant and make more seed if planted in June or early July. The seed are small and it takes from 3 to 5 pounds to drill an acre in 3½-foot rows. Broadcast, it takes from 10 to 15 pounds to seed an acre. Beans mature in 90 to 120 days, depending on the season. Pkt., 10c; 1 lb., 40c; 5 lbs., \$1.75; 1 pk. (15 lbs.), \$4.85. Write for quantity prices.

All Prices on This Page are Post Paid.



Early Velvet Beans



Buchanan's Mung Beans

All Seeds listed on this page are delivered transportation paid in the U. S. or possessions. Order Early.



## Buchanan's Miscellaneous Farm Seeds

The prices of Field Seeds are changing constantly and were we to quote definite prices on sack lots or more in this catalogue they would probably be incorrect before we receive your order. Send us a post card and immediately upon receipt of it we will send you our regular quotation card quoting the lowest prevailing prices on sack lots or more, which we will guarantee for a stated period.

All Prices Post Paid

## Seed Oats

Best Varieties for Southern Planters—32 lbs. to bu. Sow 1 to 2 bu. to acre.

1275—APPLER OATS—Are equally well adapted for sowing both in the spring and fall, but when sown in spring should be sown before middle of March. Price—Peck, 65c; ½ bu., \$1.10; 1 bu., \$2.05, post pd.

1276—EARLY BURT OATS (90 Days)—Sow in February, March and April, 15 days earlier than any other spring oats; free from rust; healthy, and makes a remarkably good yield of clean, bright, heavy grain. Price—Pk., 60c; ½ bu., \$1.00; 1 bu., \$1.75, post paid.

1277—CLAY OATS—Very similar to the Early Burt Oat in every way; for spring planting only. Price—Pk., 65c; ½ bu., \$1.10; 1 bu., \$2.05, post paid.

1278—TENNESSEE TURF OATS—Often called Winter Turf because they stand the winter better than any other oat that you can sow in the fall. Sow at the rate of 2 bushels per acre. Price—Pk., 75c; ½ bu., \$1.30; 1 bu., \$2.45, post paid.

1279—FULGHUM OATS—This oat has been very popular for six years. It is of the rust proof type, earlier than either Appler or Red Rust Proof, and a heavier yielder. Price—Pk., 65c; ½ bu., \$1.10; 1 bu., \$2.05, post paid.

1280—TEXAS RED RUST PROOF—I do not hesitate to recommend this variety as being the best of all varieties for spring or fall seeded oats. It is very hardy, seldom winter kills and is especially recommended for fall planting in preference to other varieties by several of our foremost Agricultural Experiment Stations. This variety is very hardy, producing a medium tall, stiff straw and a heavy yield of grain or hay. The stock which we offer is exceptionally heavy, bright, recleaned and graded. Price—Pk., 65c; ½ bu., \$1.10; 1 bu., \$2.05, post paid.

## Rosen Rye

1266—Rosen Rye makes a splendid cover crop, and when grown on land to which it is suited, makes heavy grain head on thick stiff straw about 5 feet high. It is fine for grazing, although the spring growth is not as early as Abruzzi, nor is the straw as long. Price—Peck, 95c; ½ bu., \$1.75; 1 bu., \$3.25, post paid.

## Wheat

1260—RED MAY—Beardless or smooth-head sown mostly in the South for grazing and to cut green for hay in Spring. Price—Peck, \$1.50; ½ bu., \$2.75; 1 bu., \$4.25, post paid.

1261—BEARDED—Very little sold in South. Price—Peck, \$1.50; ½ bu., \$2.75; 1 bu., \$4.25, post paid.

1265—BUCHANAN'S ABRUZZI RYE—Every time we grow a crop of Abruzzi Rye we become better pleased with it and more and more impressed with its possibilities for Southern planting. On heavy soils Abruzzi makes a vigorous growth with well filled heads that mature earlier than Common Rye. In our tests of various ryes, Abruzzi proved one of the earliest in this respect, being equalled by none. It stands from 5 to 6 feet high with fairly stiff straw of average size; the heads average about 6 inches long and are well filled. For winter and spring grazing on light lands no rye is the equal of Abruzzi. On the government test farm at Arlington, Va., in a test covering five years, Abruzzi rye averaged 36 bushels to the acre, produced large heads and tall, vigorous growing large straw. If sown on good land in September it will be ready for grazing in about six weeks, and will furnish grazing for several months if not grazed too close. Unless wanted for grazing, do not sow as early as September, as it may go to seed during the winter or early spring; late October or early November is early enough to sow for a grain crop. Price—Peck, \$1.50; ½ bu., \$2.75; 1 bu., \$4.25, post paid.

## Southern Rye

1267—I have sold Southern or Common White Rye for thirty years and while there is no special comment to make on same there is more of it sown than all other varieties combined. It is cheaper in price and can be sown from Aug. 15 to Dec. 15 for grazing. Sow about 2 bu. to acre. Price—Peck, 95c; ½ bu., \$1.75; 1 bu., \$3.25 post paid.

## Barley

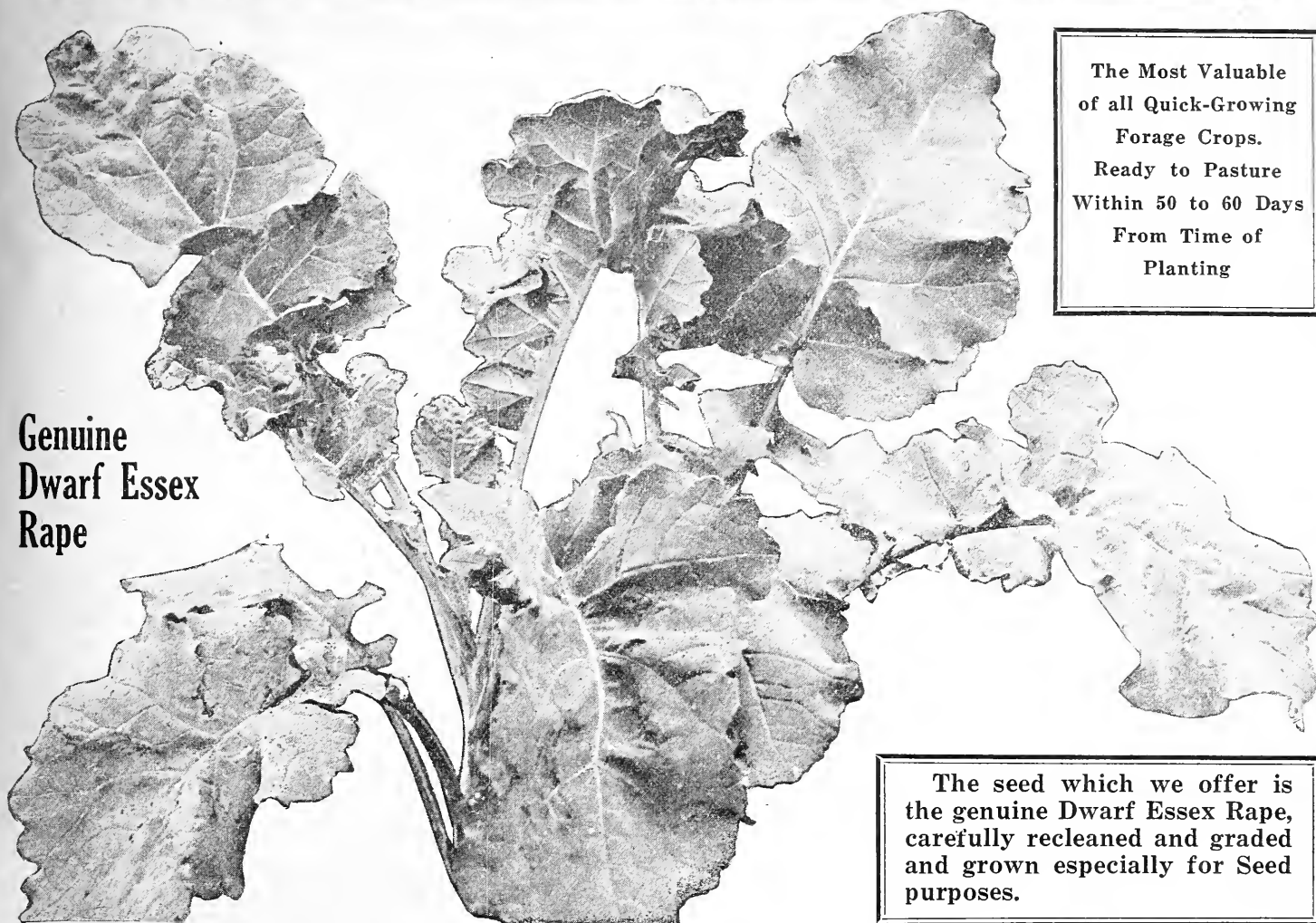
1263—BEARDLESS WINTER BARLEY—It makes a quick growing crop of most excellent and nutritious feed, either to use green or to cure as hay. Sow 1½ to 2 bushels per acre, in spring only. Price—Peck, 85c; ½ bu., \$1.60; 1 bu., \$2.85, post paid.

1262—BEARDED WINTER BARLEY—Best for fall sowing; in fact, makes the finest winter pasture and should be more generally used. Price—Peck, 85c; ½ bu., \$1.60; 1 bu., \$2.85, post paid.

All Seeds listed on this page are delivered transportation paid in the U. S. or possessions. Order Early.

**R.B. BUCHANAN SEED CO.****MEMPHIS, TENNESSEE.****BUCK BRAND TESTED SEEDS**

## Genuine Dwarf Essex Rape



The Most Valuable  
of all Quick-Growing  
Forage Crops.  
Ready to Pasture  
Within 50 to 60 Days  
From Time of  
Planting

The seed which we offer is  
the genuine Dwarf Essex Rape,  
carefully recleaned and graded  
and grown especially for Seed  
purposes.

All Prices on This Page Post Paid.

### 1063—Dwarf Essex Rape

Practically a Year-Round Crop

Rape is practically a year-round crop. With successive planting, Rape forage can be obtained for almost twelve months of the year. Seeding can be done from April to October. Forage will be ready in late spring, growing luxuriantly throughout summer, fall and winter months and up until early spring. Rape can be sown to good advantage at the last plowing of corn, following oats or wheat and other summer crops. Idle acres can be made to produce liberally during the winter months, when no other crops are being grown and the crop pastured until spring when the land can be used for other purposes. Price—Large pkt., 10c; 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., 1.75. Write for quotations when wanted in larger quantities.

#### ABOUT PRICES

The prices of Field Seeds are changing constantly and were we to quote definite prices on sack lots or more in this catalogue they would probably be incorrect before we receive your order. Send us a post card and immediately upon receipt of it we will send you our regular quotation card quoting the lowest prevailing prices on sack lots or more, which we will guarantee for a stated period.

### 1264—Broom Corn

The chief value of this plant lies in the top or brush, as it may be called, which is made into brooms. The fodder grows to a height of about six feet. Sow in May, about ten pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

This sort produces extremely straight brush, retaining its green color well after ripening, thus commanding the highest market prices. Yields 1000 lbs. of salable brush per acre. Price—Large pkt., 10c; 1 lb., 25c; 2 lbs., \$1.00; 10 lbs., \$1.75.

### 1269—Buckwheat

**Silver Hull**—The grain of this type is plump and silvery gray. Hence the name. The crop continues to bloom longer than common buckwheat and therefore is larger. Sow broadcast, 50 lbs. to the acre. Price—Large pkt., 10c; 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

### 1268—Sunflower

**Mammoth Russian**—This makes a splendid poultry food, especially for winter use, on account of its heating and fattening qualities; will yield sometimes as high as 60 bu. per acre. Sow 10 lbs. per acre in drills 3 feet apart, dropping the seed about every 4 inches. Price—Large pkt., 10c; 1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00.

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R.B. BUCHANAN SEED CO.



MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS



## You Can Make Your Plants Grow To Perfection!

**T**HE real secret in making plants grow to perfection lies in preparing a rich, fertile soil. Plants require a generous supply of plant food and a loose, mellow soil to develop their real beauty. So, if you want a beautiful lawn and garden or big, profitable crops, be sure to make your soil rich and fertile.

**WIZARD SHEEP MANURE** is a highly concentrated weedless, pure manure that makes all plants grow to perfection. It is not a stimulant, but is a real soil building plant food, safe and dependable for every use. It supplies the necessary plant food and humus to put new life into worn-out soils. Wizard is economical—ONE BAG EQUALS A WHOLE WAGON LOAD OF STABLE MANURE. Wizard has a lasting, beneficial effect on the soil. Everybody—amateur or professional—can get wonderful results with Wizard.

**LAWNS** Wizard Sheep Manure produces thick, velvety green lawns of lasting beauty. Make an application early in spring and if possible again in fall and you will be surprised at the new beauty it will develop. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To renew old lawns, rake well and broadcast 6 to 10 lbs. per 100 sq. ft. Avoid weeds and rubbish by using Wizard.

**FLOWER GARDENS** Luxuriant green foliage and a wealth of vivid colored flowers will result if you feed your plants with Wizard. In making new plantings be sure the soil under the roots is made rich and fertile. Light applications during the growing season will put new life into your plants and prolong the blooming period. A handful mixed well with the soil under each new plant will insure strong, rugged growth. Broadcast 10 lbs. to 100 sq. ft. of garden soil.

### VEGETABLES AND FRUIT

If you want a big crop of crisp, tender vegetables, be sure to use Wizard. Every practical gardener knows that there is nothing better than manure to grow big crops of vegetables. Fruit crops respond quickly to this natural plant food. It improves the yield, color and flavor.

**FLORISTS** Wizard Sheep Manure has been the florists' standard of quality for twenty years. For feeding and liquid manuring it is unexcelled. Safe and dependable for all crops grown under glass or in the field. You need manure to grow plants at a profit and it pays to use Wizard.

**DON'T WASTE YOUR TIME AND MONEY  
BY PLANTING IN HARD, WORN-OUT SOILS.  
INSURE SUCCESS BY USING WIZARD.**

Prices—2 lbs. 25c; 5 lbs. 45c; 10 lbs. 75c, post paid.  
Not prepaid, 2 lbs. 15c; 5 lbs. 30c; 10 lbs. 50c; 25 lbs. 90c; 50 lbs. \$1.50; 100 lbs. \$2.50.

## Best For Fruits, Vegetables and Field Crops

**WIZARD**  
TRADE BRAND MARK

# Sheep Manure



## Buchanan's High-Grade Fertilizers

**COMMERCIAL FERTILIZERS**—Are used more and more each year, and if you want quick, early vegetable crops, or if you wish your land to do its best with Corn, Cotton, Clovers and Grasses during these times of high prices on every article the farmer can raise, you must use commercial fertilizers. In selecting a fertilizer to carry in stock my first idea naturally was to handle a high grade article that would show results. Something that we could ship direct to the farmer and get repeat orders.

The prices given below are net cash and F. O. B. Memphis. Special prices on car lots and larger quantities delivered at your depot will be given on application.

### PLANT FOOD IS THE BASIS OF FERTILITY

Plants use thirteen chemical elements in making their growth. Ten of these are usually present in sufficient quantity. Nitrogen, phosphorus and potassium are those most frequently lacking. These three elements, in natural combination with others, make up those substances which are commonly spoken of as ammonia, phosphoric acid and potash, and must be available. No matter how much plant food a fertilizer may contain, its value to a growing crop can be determined only by the availability of such plant food—that is, it must be a condition to be readily assimilated by the plant. The percentage of plant food advertised in our fertilizer is guaranteed available and ready for plant assimilation.

#### Acid Phosphate

Acid Phosphate is recommended for all Legume, Grain and Grass Crops, and for applying to all land deficient in Phosphoric Acid. Beneficial results follow the addition of it to barn-yard manure, all manure being high in ammonia, but low in phosphoric acid. Price, 5 lbs. 50c; 10 lbs. 75c; 15 lbs. \$1.25 post paid.

**BUCHANAN'S TRUCK FERTILIZER**—Analysis: Nitrogen 3 to 4 per cent; Available Phosphoric Acid, 8 to 10 per cent; Potash 4 per cent.

Vegetables of a leafy nature require an ample supply of nitrogen to give them that quick growth on which their quality largely depends; others, like beans and peas, demand, in addition, phosphoric acid to develop and produce their pods and seeds. Our Vegetable Fertilizer is prepared for all garden crops. Price, 5 lbs. 85c; 10 lbs. \$1.50; 15 lbs. \$2.25 post paid.

**BUCHANAN'S COTTON, GRAIN AND GRASS GROWER**—Available Phosphoric Acid, 10 per cent; Nitrogen, 1.65 per cent; Potash, 2 per cent. This brand is prepared especially for grain and grass crops and contains the plant foods in proper proportions to start a vigorous growth on which the result of the crop largely depends, and sufficient to feed the crop till maturity. It is quick in its action and lasting in its results. Apply 300 to 400 lbs. to the acre when drilled with the seeds; if broadcasted, apply before seeding and harrow in seeds and fertilizer at the same time. Price, 5 lbs. 50c; 10 lbs. 75c; 15 lbs. \$1.25 post paid.

If part of your garden is higher, warmer or better drained than the rest, reserve it for your crop of earliest vegetables. Your garden will be ready for working a week earlier in spring, if it was dug up in the fall.

**STANDARD BONE MEAL**—A first-class fertilizer for general use, giving not only immediate effects, but also lasting and beneficial results. It is steamed bone, not quite as high in analysis as our Pure Animal Bone, but is an excellent fertilizer, and has given the very best results and satisfaction to our customers wherever used. While it can be used to advantage upon all crops, it is especially recommended for grain and grass and clover crops. Price, 5 lbs. 50c; 10 lbs. 75c; 15 lbs. \$1.25 post paid.

**NITRATE OF SODA**—The most readily available form in which nitrogen can be had. Largely used for forcing vegetables, strawberries, etc., for applying to grass fields after each cutting, producing a strong, healthy growth and wonderfully increasing the yield. Apply 150 lbs. per acre. Price, 5 lbs. 50c; 10 lbs. 75c; 15 lbs. \$1.25 post paid.

**BUCHANAN'S SPECIAL WITHOUT POTASH**—Available Phosphoric Acid, 9 per cent; Nitrogen, 3 per cent. This brand running much higher in Nitrogen, though somewhat lower in Phosphoric Acid, is especially well balanced and should be used on uplands and clay soils where a larger and more vigorous plant growth is needed. Apply at the rate of 300 to 400 pounds to the acre at time of planting, or if applied from 7 to 10 days before planting better results should be obtained. Fertilizers should always be placed from 1 to 3 inches under the seed or thoroughly mixed with the soil before planting seed. Price, 5 lbs. 50c; 10 lbs. 75c; 15 lbs. \$1.25 post paid.

### CONKEY'S POULTRY REMEDIES—All other supplies on Page 80.

	Post Paid		Post Paid
Cholera Remedy, Small.....	.25	Poultry Tonic, 3 lb. Pkg.....	.50
Cholera Remedy, Large.....	.50	Roup Remedy, Small.....	.30
Gape Remedy, Small.....	.25	Roup Remedy, Med.....	.60
Gape Remedy, Large.....	.50	Roup Remedy, Large.....	1.20
Headlice Ointment, Small.....	.10	Roup Pills, Small.....	.30
Headlice Ointment, Large.....	.25	Roup Pills, Med.....	.60
Lice Powder, Pound Box.....	.25	Roup Pills, Large.....	1.20
Lice Powder, 48-oz. ....	.50	Scaley Leg Remedy.....	.25
Poultry Worm Powder, Small.....	.25	Sorehead Remedy, Small.....	.25
Poultry Worm Powder, Large.....	.50	Sorehead Remedy, Large.....	.50
Poultry Laxative, Small.....	.25	White Diarrhea Rem., Small.....	.30
Poultry Laxative, Large.....	.50	White Diarrhea Rem., Med.....	.60
Poultry Condition, Small.....	.25	White Diarrhea Rem., Large.....	1.20
Poultry Condition, Large.....	.50	White Diar. Rem., 1200 Tablets.....	4.00
Poultry Tonic, 1½-lb. Pkg.....	.25		



**DEPENDABLE SEED SERVICE SINCE 1906.** The worth of a House whose business has been carried on successfully for 19 years is understood by all who plant seeds, because seeds are sold entirely on reputation.



## Buchanan's Selected Poultry Supplies

### Leg Bands



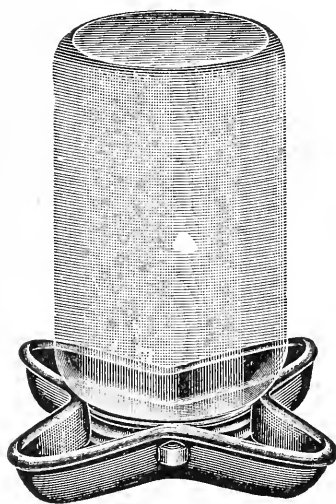
**CHAMPION LEG BANDS**—This aluminum band is made in one piece, adjustable to fit any fowl. Held by double lock; it is impossible for them to lose off. Numbered from 1 to 400. Price—Dozen, 15c; 25 for 25c; 100 for 75c, post paid.

### Star Jar Fountain and Feeder

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. No. 32, each 20c; 6 for \$1.00. By parcel post, each 25c; 6 for \$1.15.

### Moe's Buttermilk Feeders

Moe's Famous Star Fountain, made of bright charcoal tin plate, which is not affected by milk acids. The same material as is used in milk cans, cream separators, etc. Makes an absolutely safe and sanitary feeder for buttermilk and sour milk. Fits Mason jars in 1 pt., 1 qt. and 2-qt. sizes. Each, 25c, post paid.



Star Fountain Holder

### Moe's Round Baby Chick Feeder



Moe's Round Baby Chick Feeder

The most convenient and commodious feeder on the market. Can also be used for water. Manufactured in two sizes.

No. 11—Small Size, 25c; by parcel post 35c.

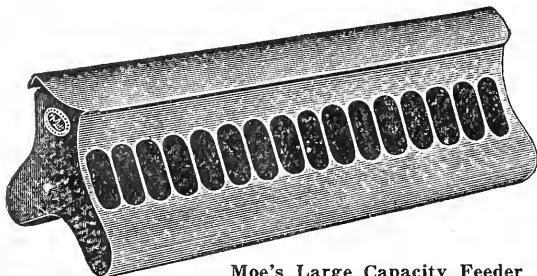
No. 12—Large Size, 35c; by parcel post 45c.

### Kills Poultry Lice

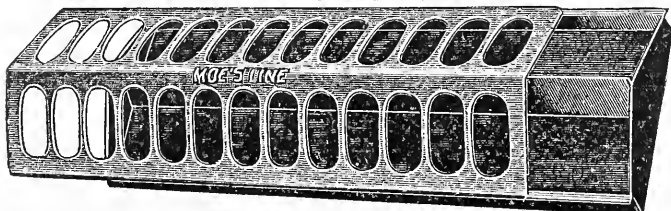
Talcimized Sodium Fluoride is made especially for poultry and carries the Government's directions for applying. It is safe, easy to use, inexpensive and absolutely does the work quickly and effectively. Price, 35c (enough to treat 50 chickens); post paid, 40c; large size, 60c; post paid, 75c.

**TALCIMIZED  
SODIUM FLUORIDE**

Called "T. S. F."



Moe's Large Capacity Feeder



Moe's Double Feeding Troughs

### Moe's Large Capacity Feeder

No. 140—Feeder, capacity 10 quarts, length 21 in., width 8½ in., height 7 in. 16 openings on each side, so that 32 chicks can feed at one time. Each, \$1.20; post paid, \$1.50.

**Colored Spiral Leg Bands**—Made in many different colors—red, green, blue, yellow, pink, white, etc. Slip on just like a key ring; no tools required. Will not come off; fowls cannot lose or remove them. Made in all sizes. State for what breed you want the bands.

12 for \$ .20; parcel post \$ .25  
25 for .35; parcel post .40  
50 for .60; parcel post .65  
100 for 1.00; parcel post 1.10



Colored Celluloid Spiral Leg Bands

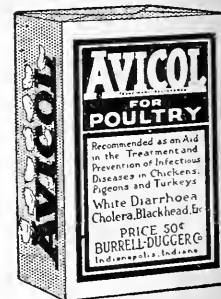
**Pratt's Baby Chick Food** consists of the hearts of the finest grains and cereals, and has very little fiber. Being about 75 per cent mechanically pre-digested, it is readily assimilated. It is not expensive—one cent's worth being enough for one chick for three weeks. Many poultrymen continue feeding it for five to seven weeks.

Price—2½-lb. pkg. 35c; 6-lb. pkg., 60c, postpaid.



### Avicol

A safe and effective remedy in tablet form for White Diarrhea, Cholera, etc., in small and large grown fowls. Avicol is now being used by thousands of successful poultry raisers the world over. Write for circulars. Price 50c and \$1.00 per pkg., post paid.



### Don-Sung

Makes Hens Lay More Eggs.

Don Sung (Chinese for egg-laying) is given in the feed and doesn't force or burst the hen in any way; in fact, it makes her healthier. It is a new scientific discovery for hens, that merely stimulates the egg organs, making them strong and vigorous and as a result they lay regularly in any season. Price, per box, 50c; large size, \$1.00, post paid.



Save your baby chicks by giving them

**Conkey's  
BUTTERMILK  
STARTING FOOD**

for the first 3 weeks. They'll grow like weeds.

Get a small package and try it on the next brood you hatch. Conkey's Buttermilk Starting Food is a lightly medicated, well balanced food that builds strength and stamina, while the dry buttermilk aids greatly in preventing baby chick troubles.

At store, 2½ lbs. 25c; 5 lbs. 40c; 10 lbs. 70c; post paid, 2½ lbs. 35c; 5 lbs. 55c; 10 lbs. 90c.



### Moe's Double Feeding Chick Troughs

Has two sides, otherwise identical with the single trough.  
No. 58—12 in. long; each 45c; by parcel post 55c.  
No. 59—18 in. long; each 60c; by parcel post 75c.  
No. 60—24 in. long; each 75c; by parcel post 90c.





## Buchanan's Bird Homes and Supplies

On this page we list bird cages made by Hendryx, believing them to be the best bird cages manufactured; also list only such supplies as we consider staple. There is no better bird seed sold than our Buck Brand—mixed fresh, daily.

### Buchanan's Singing Canaries

We make a specialty of Imported German Canaries and we are able to fill orders for the choicest singers, guaranteeing satisfaction. We have a special strain of imported Andreasberg Rollers. The song of these birds is entirely different from that of the American Canary.

The song of the Andreasberg Roller is nothing but a stream of sweet music, as it consists of trained notes, such as long, hollow rolls (from which this bird is named), trills, bell and nightingale notes, etc., which are produced with such a soft, melodious voice that it is really a pleasure to listen to such a little song wonder. While the sharp, shrill voice and short notes of the American Canary usually tire your ear, you will never get tired listening to the beautiful notes of the Andreasberg Roller. These birds are also trained to sing at night as long as the room is light.

Andreasberg Roller (Closed Beak).....	Price by Express, not prepaid	\$15.00
Andreasberg Roller Female .....	Price by Express, not prepaid	5.00
Hartz Mountain (Open Beak) .....	Price by Express, not prepaid	10.00
Hartz Mountain Female .....	Price by Express, not prepaid	3.00

ALL PRICES BELOW ON THIS PAGE POST PAID

### Oblong White Enameled Cage

No.		Each Without Guard	Each With Guard
231	Body, 9¼x6¼ inches. Height, 15¼ inches.....	\$3.00	\$3.70
232	Body, 10½x7 inches. Height, 16 inches.....	3.75	4.85
233	Body, 11 x7½ inches. Height, 16¼ inches.....	4.50	5.35
234	Body, 12¼x8¾ inches. Height, 17½ inches.....	5.00	6.00

### Oblong Brass Cage

No.		Without Guard	With Guard
5004	Body, 9¼x6½ inches. Height, 11¼ inches.....	\$3.65	\$4.65
5006	Body, 10½x7½ inches. Height, 12¼ inches.....	4.55	5.55
5008	Body, 10¼x7¼ inches. Height, 12½ inches.....	5.65	6.65
5010	Body, 13 x8½ inches. Height, 14¼ inches.....	7.25	8.30

Cut 231 represents shape 8—Oblong Cages quoted.

8000	All Brass, Bungalow Cage .....	15.00	18.00
------	--------------------------------	-------	-------

### Round Brass Cage

Spring Brass Wires, Solid Brass Rail, Spun Brass Base.  
Furnished only with Brass Wire Guard.

No.		With Guard
274	Body, 10 inches diameter. Height, 16 inches.....	\$5.25
275	Body, 11 inches diameter. Height, 16½ inches.....	5.75
276	Body, 11 9/16 inches diameter. Height, 18 inches.....	7.00
6020	All Brass, Round Cage.....	20.00

The Round Cages like Cut 274 can be furnished in bronze or gun metal at \$1.50 additional per cage.

### Round White Enameled Cage

No.		With Guard
674	Body, 10 inches diameter. Height, 16 inches.....	\$7.50
675	Body, 11 inches diameter. Height, 16½ inches.....	8.50
676	Body, 11 9/16 inches diameter. Height, 18 inches.....	9.25

Cut 274 Represents the six Cages listed above.

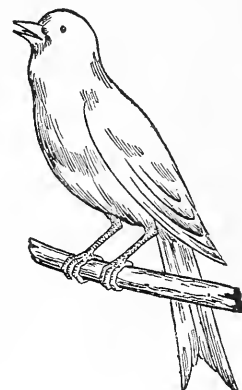
### Mixed Bird Seed

It is mixed fresh by us as sold, and nothing goes into this mixture but the best, cleanest Canary Seed and Bird Rape from South America and Millet from Kansas, that can be bought. Price—1 lb., 20c; 2 lbs., 35c; 4 lbs., 65c; 10 lbs., \$1.50. Buchanan's Special Mixture for Canaries—Made from the very best mixture of Turkish Canary, Thistle, Poppy, Lettuce, Steel Cut Oats and Sweet German Rape. Especially prepared for the Roller Birds. Price—Lb., 30c.

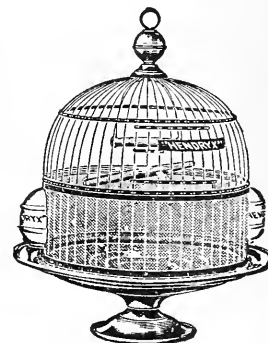
BUCK BRAND Canary Seed, plain.....	1 lb. \$	.25
Hemp Seed .....	1 lb.	.25
Millet Seed .....	1 lb.	.20
Rape Seed .....	1 lb.	.30
Sunflower Seed .....	1 lb.	.25
Cuttle Fish Bone.....	each	.15
Parrot Food .....	box	.30
Song Restorer.....	box	.25
Medicated Birdseed Tonic.....		.20

### Miscellaneous Bird Supplies

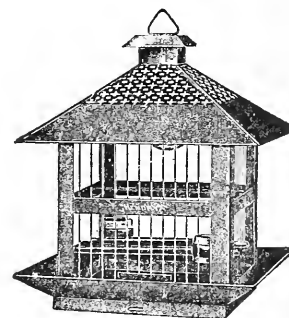
Bird Cage Seed Cups, Opal or Glass .....	each	\$.25
Bird Cage Bath Cups .....	each	.30
Bird Cage Brackets .....	each	.45
Bird Bitters .....	bottle	.30
Bird Mite Exterminator.....	box	.30
Bird Moulting Pepper .....	box	.30
Bird Nestling Food .....	box	.30
Bird Nestling Hair .....	box	.15
Bird Cage Brass Springs.....	each	.25
Bird Cage Brass Chain with springs .....	each	.35
Bird Cage Nests, Wire .....	each	.20
Silver Gravel .....	pt. box	.25
Red Gravel .....	pt. box	.25



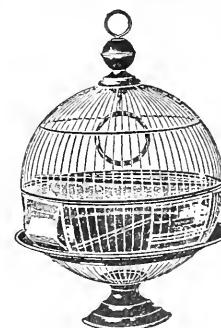
Cage 231



Cage 274



Cage 8000



Cage 6020

Send Your Seed Orders in January or February

The sooner your order arrives the better the attention we can give to it.



R.B. BUCHANAN SEED CO.



MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

## Buchanan's Spray Pumps

### The Feeny Duster

B—This is a simple, inexpensive duster for use around the vegetable and flower garden, can also be used on small potato patches. Price, \$1.00; post paid, \$1.10.

A—This is a larger duster holding  $\frac{1}{2}$  gallon of dry powder and is useful for those having large garden or for Truckers. Price, \$3.50; post paid, \$4.00.

These are the best and simplest dry dusters made.

See page 83 for the various materials used with the Feeny Duster.

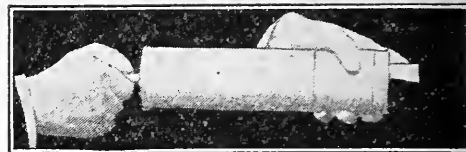
110G—PERFECTION SPRAYER—For potato spraying, whitewashing, disinfectants, cold water paints, etc. A High Pressure Sprayer, "with the pressure." Holds four gallons. Price, at store, \$6.50; post paid, \$7.00.

140G—JUNIOR SPRAYER—Same as Perfection 110G, except it holds  $2\frac{1}{2}$  gallons. Price at store, \$5.00; post paid, \$5.50.

HUDSON No. 4A—Can be used in connection with any barrel. It is neat, compact, adjustable, durable and efficient. Price of pump only, with agitator hose and nozzle, no barrel. Each, \$14.00; cannot be mailed.

7212—CONTINUOUS SPRAYER—The most practical Continuous Sprayer made. All working parts are of brass; two nozzle tips, one straight and one up-shoot. Holds 1 qt. Price, at store, \$1.00; post paid, \$1.15.

4512—MISTY SPRAY—A small, well-made Sprayer for general purposes, and especially adapted for use in and about the home. Will handle all kinds of liquids satisfactorily. Price, qt. size, each, 65c, post paid; pt. size, each, post paid, 50c.



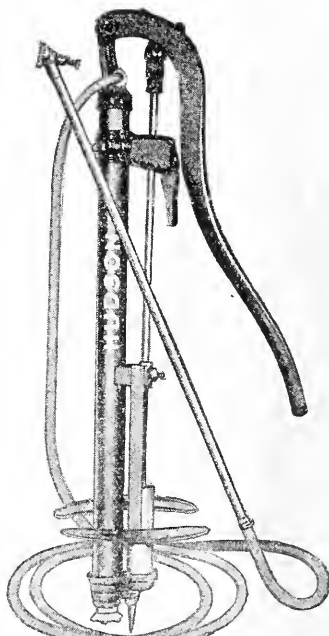
Feeny Duster, Model B.

### Standard Sprayer

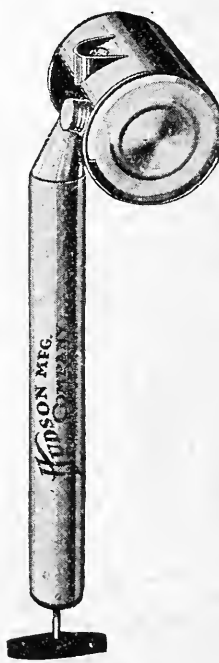
120H—A general purpose sprayer, suitable for every spraying need. Made entirely of brass, with two solid brass ball valves. Sprays orchards, large or small; potatoes or truck crops. Sprays whitewash, any cattle, dip or disinfectants. Write for circulars. Price Sprayer at store or by express, not prepaid, \$5.00; post paid, \$5.50. Price Sprayer with Knap-sack Tank at store or by express, not prepaid, \$8.50; post paid, \$9.00.



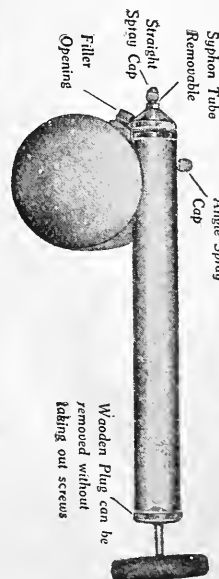
Perfection Sprayer (110G)



Barrel Pump 4A



Misty 4512



Com. Air 7212



Standard 120H

A GARDEN BEAUTIFUL

Can Be Easily  
Produced With

BUCHANAN'S FAMOUS FLOWER SEEDS

SEE PAGES 38 to 52



R.B. BUCHANAN SEED CO.

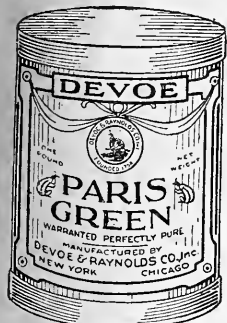
MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

## Buchanan's Dependable Insecticides

Spraying has now become to be an established part of the work of all farming—cotton growing, truck gardening, fruit growing, vegetable gardening and flower gardening. For fungus disease, use at all times Bordeaux Mixture. For lice and suckling insects and aphids, use Nicotine Solution. For caterpillars, use Arsenate of Lead. For mildew, use Lime Sulphur and Hammond's Grape Dust. For tomato worms, apply Slug Shot. For potato bugs, use Bug Death and Arsenate of Lead or Tuber Tonic. For San Jose dormant spraying, use Lime Sulphur or Scalecide.



### PARIS GREEN

#### A DEADLY POISON

**PARIS GREEN**—Has been on the market for many years, and is known for its effectiveness. It must be used with care; one teaspoonful to one gallon of water will be safe. Price— $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c. Not mailable.



**LIME SULPHUR SOLUTION**—A concentrated liquid form easily mixed. Simply add 10 gallons of water to 1 gallon of the solution. Price—Qt., 50c;  $\frac{1}{2}$  gal., 75c; gal., \$1.20; 5 gals., \$5.00.

**LIME SULFUR POWDERED**—Dry Lime Sulfur is the actual standing liquid material in dry powdered form and requires only the addition of water to make an effective spray. Price—Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$16.00.

**NICOTINE SOLUTION**—When properly diluted and used according to directions, it is the most effective agent against all insects. Price—1 oz. bottle, 30c;  $\frac{1}{2}$  lb. tin., \$1.25; 1 lb. tin., \$2.50. Cannot be mailed.

**SULPHO TOBACCO SOAP**—Kills all insects on plants, simple and effective. Price, parcel post, 3-oz. cake, 15c; 8 oz., 30c.

**TOBACCO DUST**—For lice and other insects on all vegetable and flower plants. Price—1 lb., 25c; 5 lbs., 60c, post paid. By express, 5 lbs., 40c; 25 lbs., \$1.25.

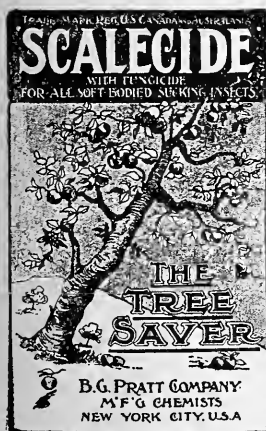


Pat. Mar. 16 & Nov. 9, 1897

**BUG DEATH**—A new powder that effectually takes the place of Paris Green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars. Price 1 lb., 30c; 3 lbs., 75c; 5 lbs., \$1.00; 12 $\frac{1}{2}$  lbs., \$2.00, post paid.

### SCALECIDE

#### BEST ALL PURPOSE DORMANT SPRAY



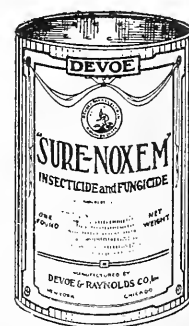
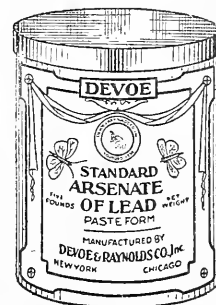
**SCALECIDE (THE MISCIBLE OIL SPRAY MATERIAL)**—Cures and prevents San Jose scale. One of the best dormant sprays; easy to apply; not poison. Price, qt., 60c; gal., \$1.40; 5 gal., \$6.25.

**TUBER TONIC**—A new preparation from Sherwin-Williams Co., especially made to kill potato beetle and at the same time acts as a tonic to the plant. Price—1 lb., 60c; 5 lbs., \$2.75. Cannot be mailed.

**ARSENATE OF LEAD**—Kills every insect that eats it; superior in every way to Paris Green, as it does not burn or scald the foliage; can be used dry as a powder or as a solution in water. Price— $\frac{1}{2}$  lb., 25c; lb., 45c; 4 lbs., \$1.50. Not mailable.

**BORDEAUX MIXTURE DRY**—The new form of Bordeaux will keep indefinitely; cures and controls blight. Price—Lb., 40c; 5 lbs., \$1.50. Not mailable.

**DEVOE "SURE NOXEM"**—Insecticide and Fungicide, for the control of many leaf-eating insects. Of benefit against certain mildews. For use on Cabbage, Cauliflower, Tomato Plants, Cucumber Vines, Melon Vines and other vegetables and shrubs of many kinds. Price—1 lb., 25c. Not mailable.



### (AA) PARADICHLOROBENZENE

**PARADICHLOROBENZENE**—Peach Tree Borer control. Discovered at last, a sure cure for peach tree borer. Time of application, Sept. 25 to Oct. 31. Method of application, applied to the soil around the tree, making a little trench and then covering. The fumes descend downward, killing all the borers and other insects around the roots. Paradichlorobenzene must not be used on any trees under 5 years old, as it is very powerful and will harm young trees. No danger in handling this wonderful discovery as it is non-poisonous to man. Price per pound, which is enough for 16 trees, 50c; 5 lbs., \$2.25; 10 lbs., \$3.50.

**PYROX**—Destroys insects and prevents blight all at one spraying; a combination of Bordeaux, Paris Green and Arsenate of Lead. Especially recommended for tomato blight, etc. Price—Lb. jar, 50c; 5 lbs., \$2.00; 10 lbs., \$3.50. Not mailable.



### SLUG SHOT

#### Hammond's

Non-poisonous; a splendid powder for general use. Price—1 lb., 30c; 5 lbs., 75c; 10 lbs., \$1.25, post paid.



**HAMMOND'S GRAPE DUST**—Keep off blight and other fungus disease. Price—1 lb., 35c; 5 lbs., \$1.20, post paid.

Order Vegetables by the numbers prefixed to each variety. It will save your time in writing the order, and ours in filling it.

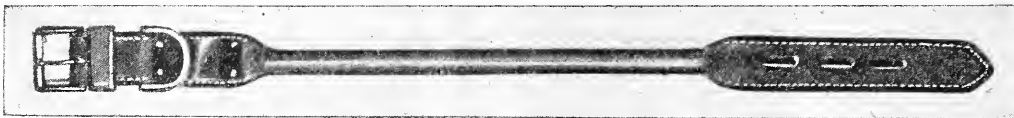






## Buchanan's Dog Supplies

We carry a full line of dog collars, leads, harness, etc. Write us your needs. Same will have our prompt attention. We handle only the DECKER Brand, which we know to be the BEST.

All Goods on this Page Priced Post Paid

	At Store	Post paid
		
129 ROUND LEATHER, NO TRIMMING, LOCK TONGUE BUCKLE COLLAR for Police or Bird Dogs, made of 1 inch doubled leather. Lengths 15-17-19-21 inches .....	2.75	2.85
		
100 SINGLE LEATHER LOCK TONGUE BUCKLE, brass trimmed; width 1 inch; length 15-17-19 inches .....	1.00	1.10
		
174 ALL LEATHER LINED, DOUBLE AND STITCHED LOCK TONGUE BUCKLE, brass trimmed; width ½ inch; lengths 9-11-13 inches .....	.75	.85
Solid Leather, Round Leads to match Collar No. 129, in russet or black .....	3.00	3.15
809 FELT LINED, SINGLE LEATHER HARNESS, Russet or black brass trimmings, 14 inches .....		1.50
810 FELT LINED, SINGLE LEATHER HARNESS, Russet or black brass trimmings, 16 inches .....		2.00
811 FELT LINED, SINGLE LEATHER HARNESS, Russet or black brass trimmings, 19 inches .....		2.50
812 FELT LINED, SINGLE LEATHER HARNESS, Russet or black brass trimmings, 22 inches .....		3.00
869 LEATHER LINED, DOUBLE AND STITCHED HARNESS, Russet or black, brass trimming, 14 inches .....		1.75
870 LEATHER LINED, DOUBLE AND STITCHED HARNESS, Russet or black, brass trimming, 18 inches .....		2.25
871 LEATHER LINED, DOUBLE AND STITCHED HARNESS, Russet or black, brass trimming, 22 inches .....		3.00
879 LEATHER LINED, DOUBLE AND STITCHED HARNESS, Russet or black, brass trimming, 24 inches .....		4.00

## Bennett's Milk-Bone Dog Biscuit

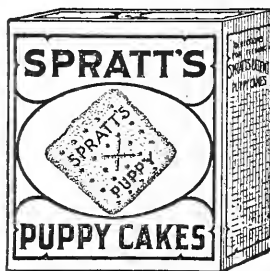


A superior preparation; keeps dogs in good condition. Ask for circulars. ....  
Per box, 40c; postpaid 50c.

## Puppy Biscuit

Especially prepared for puppies. They thrive and grow fat on M. B. Biscuits.

Per box 40c; postpaid 50c



## Spratt's Dog Cakes

Dog Cakes, 2¼-lb. box.....	.40	.60
Dog Cakes, 5-lb. box.....	.80	.90
Dog Cakes, 10-lb. bag.....	1.50	1.75
Dog Cakes, 50-lb. bag.....	7.00	...
Dog Cakes, 100-lb. bag.....	13.00	...
Puppy Cakes, box.....	.45	.55
Fibo, box.....	.40	.50
Ovals, box.....	.40	.50
Cod Liver Oil Cakes, box...	.45	.55
Puppy Meal, box.....	.45	.55

## Clayton's Dog Remedies

Mange Remedy.....\$ .60	Canker Lotion Liquid (tablets).....\$ .60
Skin Lotion......60	Eye Lotion Liquid (tablets)......60
Distermerine Liquid or Tablets......60	Fit Remedy Liquid (tablets)......60
Condition Pills with Pepsin......60	Cough Remedy......60
Blood Purifying and Cooling Pills......60	Puppy Tonic......60
Laxative Pills......60	Sulphur Tablets......60
Worm Pills......60	Rheumatic Tablets......60
Tape Worm Expeller.. .60	Diarrhoea Remedy Liquid......60
Vermifuge (liquid) (soft capsules)......60	Chorea Tablets......60

## Sergeant's Dog Medicine

Known to all Dog Fanciers

Distemper Medicine..\$1.30	Cough Medicine.....\$ .65
Mange Medicine......75	Rheumatic Pills......65
Condition Pills......65	Dog Rub......65
Sure Shot Capsules... .65	Eye Wash......65
Sure Shot Liquid......65	Constipation Capsules .35
Tape Worm Medicine.. .65	Carbolic Tar Soap.... .30
Arsenic and Iron Pills. .65	Skip-Flea Soap......30
Canker Wash......65	Skip-Flea Powder......30
Well Mouth......65	Carbon Tetrachloride, for hookworm and running fits, capsules... 1.10
Pepsin Tablets......65	

We have attached numbers to all Vegetable and Flower Seed varieties, but customers may order either by name or number  
(Page 84)



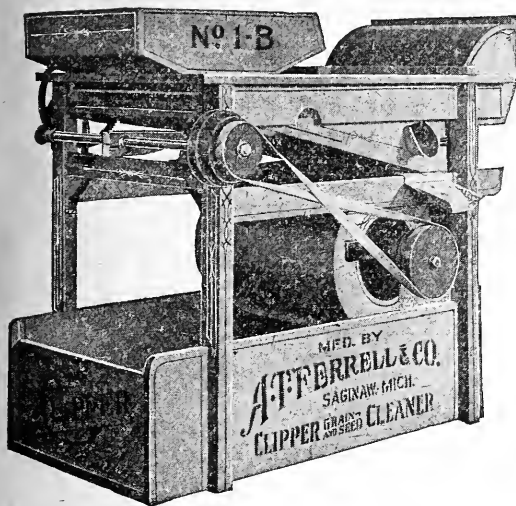
R.B. BUCHANAN SEED CO.

MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS

## Clipper Cleaners—For Cleaning All Seeds and Grains



### Sectional View and Description

Showing Vertical Air Shaft, Dust Hood and Grain Box, which are special features of the Clipper.

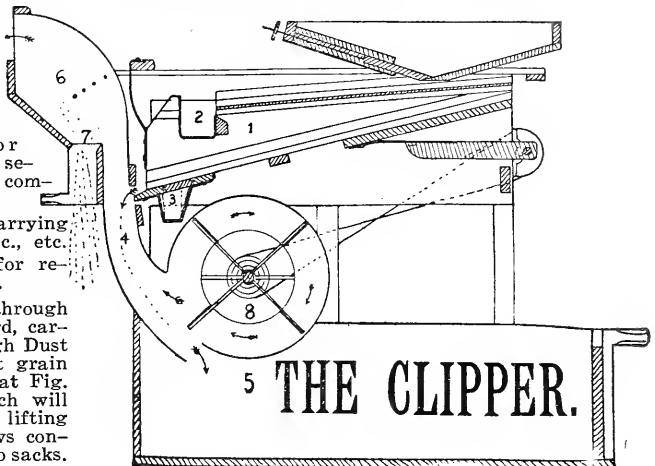
Fig. 1—Shoe with two receiving grooves for screens. The screens are securely held in place by a compressing rod.

Fig. 2—Straw-Spout, for carrying off large particles, straw, etc., etc.

Fig. 3—Screening-Spout, for removing sand, fine seeds, etc.

Fig. 4—Vertical Air Shaft, through which the draft passes upward, carrying chaff, dust, etc., through Dust Hood (Fig. 6). The perfect grain or seeds fall and pass out (at Fig. 5) into the Grain Box, which will hold five bushels. It has a lifting board at the end, which allows contents to be easily scooped into sacks.

### Sectional View Hand Power Cleaners



We have the Memphis agency for the Clipper Cleaner, manufactured by the A. T. Ferrell & Company, Saginaw, Michigan.

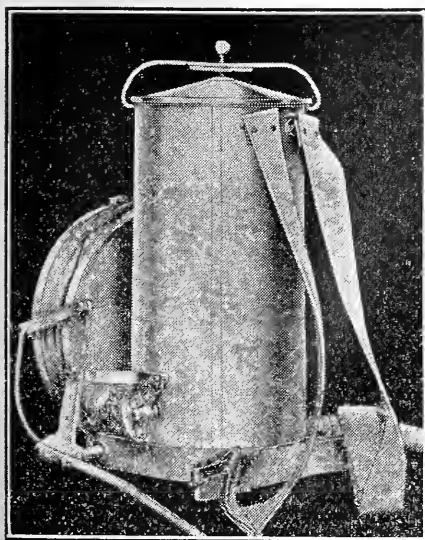
We have used these cleaners in our own business for 18 years and found them the best made. Therefore, know whereof we speak when we recommend them to our customers.

No. 1—B CLIPPER—Capacity, wheat and other grains, 20 bu. per hour. Clover and other seeds, 15 bu. per hour. Screen lengths, including spreading board, 29 inches. Screens 19 inches wide, 22½ inches long. Dimensions—Length, 4 ft. 8 in.; width, 2 ft. 2 in.; height, 3 ft. 8 in. Price, each, \$40.00 F. O. B. Memphis.

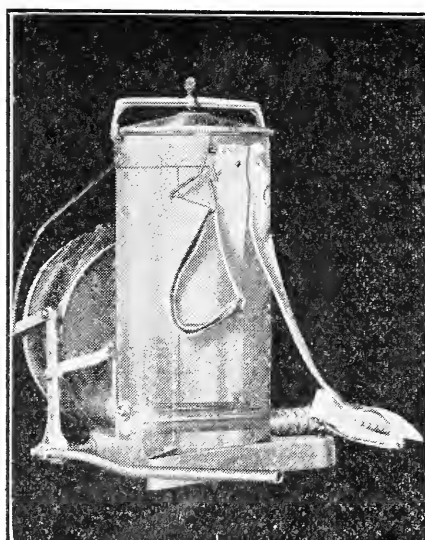
No. 2—B CLIPPER—Capacity, wheat and other grains, 25 bu. per hour. Clover and other seeds, 15 bu. per hour. Screen length, including spreading board, 29 inches. Screens 25 inches wide, 22½ in long. Dimensions—Length, 4 ft. 8 in.; width, 2 ft. 8 in.; height, 3 ft. 8 in. Price, \$45.00 each, F. O. B. Memphis.

Write for information on the cleaner suitable for your needs. We handle more than twenty sizes, suitable for all works.

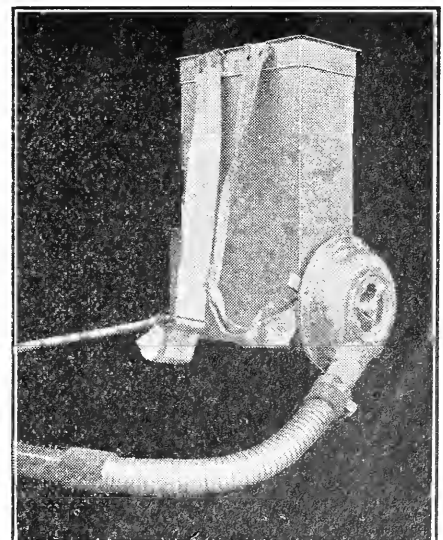
## The California Dry Dusters



American Beauty



Blue Beauty



Royal Beauty

We have the Memphis agency for Dry Dusters manufactured by The California Sprayer Co., of Los Angeles, California, and list below three of their best—for lack of space cannot tell all about them. Write for more information, if interested in a Dry Duster for Boll Weevil.

**AMERICAN BEAUTY**—For nearly ten years the recognized standard of efficiency throughout the U. S. A. Built on knapsack principle—has very powerful air blast—very simple governing device—a spiral formed agitation which crushes, grinds and force-feeds the material through a fine screen directly into the moving air blast. Price, each, \$25.00. Shipped by express only. Write for prices on quantities.

**BLUE BEAUTY**—Has the same general appearance, the same bellows capacity, the same superior workmanship and materials as the American Beauty. Price, each, \$20.00. By express only. Write for prices on quantities.

**ROYAL BEAUTY**—The only successful continuous flow knapsack fan operated dusting machine ever built. It is carried on the back. The discharge tube has a flexible connection, and is operated by the left hand—the dust cloud is governed by a device that is simple and accurate. Price, each, \$20.00. By express only. Write for prices on quantities.

Order Vegetable Seeds by number prefixed to each variety. It will save your time in writing the order and ours in filling it.

# BUCHANAN'S

## SELECTED AND OFFICIALLY INSPECTED

## FRUIT TREES AND SMALL FRUITS



We ship nothing listed on this page except healthy, vigorous stock. All fruit trees shipped by Express, the buyer paying charges. Grapevines and Strawberry Plants sent by Parcel Post; we pay postage.

### Apples

3-year-old trees.....each \$1.00; 10 for \$8.50

#### SUMMER VARIETIES

**Early Harvest**—Fine yellow; ripens in June.  
**Horse**—Large, yellow, fine for cooking; ripens in August.  
**Red June**—Dark crimson, fine grain, moderately juicy.  
**Yellow Transparent**—Large, clear, yellow, juicy.

#### FALL VARIETIES

**Rome Beauty**—Large, red, white flesh.  
**Yates' Mammoth**—Richly striped; ripens in November.

#### WINTER VARIETIES

**Arkansas Black**—Large, dark crimson; flesh yellow.  
**Grimes Golden**—Golden yellow, crisp, tender, juicy.  
**Winesap**—Rich, dark red, flesh fine, creamy yellow.  
**Staymen Winesap**—Similar to Winesap, better quality.  
**Delicious**—Very large, oblong, rich crimson, shaded to yellow.

### Peaches

3-year-old trees.....each \$1.00; 10 for \$8.50

#### CLINGSTONES

**Chinese Cling**—Creamy white; ripens July 15.  
**Heath Cling**—Pale yellow, fine; ripens September.  
**Indian Blood**—Large, dark crimson; ripens August.

#### FREESTONES

**Belle of Georgia**—Large white; ripens July 20.  
**Carmen**—Freestone; ripens in June; large.  
**Elberta**—Flesh yellow, juicy and sweet; ripens August 1.  
**Greensboro**—An early variety, large white; ripens June 15.  
**Mountain Rose**—White, splashed carmine; ripens July 1.

### Cherries

2-year-old trees.....each \$1.00; 10 for \$8.50

**Black Tartarian**—Black, juicy; ripens last of June.  
**Early Richmond**—Fine, very early; ripens in May.  
**Governor Wood**—Very large; ripens last of May.

### Plums

3-year-old trees.....each \$1.00; 10 for \$9.00

**Abundance**—Large, sweet, juicy; very early, bright red.  
**Burbank**—Large, clear, cherry red, very sweet.  
**Damson**—Bluish purple, fine for cooking; ripens in August.  
**Red June**—Purplish red, flesh yellow, solid, juicy.  
**Wild Goose**—Very large and fine; ripens in June.  
**Wickson**—Purple red, firm, sweet and juicy.

### Fig Bushes

Price, either variety, 1-yr.-old trees..each \$1.00; 10 for \$8.50

**Brown Turkey**—Medium size, very sweet, prolific, hardy.  
**Celestial**—Very large, violet, good and productive.  
**Lemon**—A beautiful lemon-colored fig, very sweet.

### Grapes

Strong 2-year-old trees. Price each 50c; 10 for \$3.75 post paid.

**Concord**—Large, black, juicy; sweet when ripe.  
**Delaware**—Bunches small and compact; light red.  
**Lutie**—Very early, large red; free from rot.  
**Moore's Early**—Large, black, earlier than Concord; fine.  
**Niagara**—Berries large, sweet, greenish white.  
**Worden**—Concord type, large in bunch and berry.

### Strawberry Plants

Set in March and April in rows 3½ feet wide and 15 inches apart in the row. We can furnish any of the following varieties, but they will be shipped separate from any other trees or plants on our list. Plants ready in March.

Any of the following varieties: 100 85c; 500 \$2.50; 1000 \$4.35; post paid.

Special prices quoted on larger quantities.

**Aroma**—Large size, dark red, one of the best of the late sorts.

**Excelsior**—Extra early; high color; a vigorous grower and one of the best drouth resisters.

**Lady Thompson**—Widely planted over the whole country.

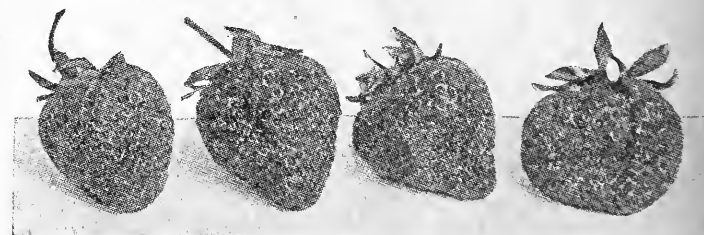
**Klondyke**—A shapely dark red berry of uniform size and one of the best shippers.

**Gandy**—The last to ripen; a large, firm, bright crimson berry of good quality.

### Everbearing Strawberry Plants

**Progressive Everbearing**—This is the best of the Everbearing sorts; berry is dark red, good shape and quality.

Price: 100 \$1.85; 500 \$5.75; 1,000 \$10.35; post paid.



Please Order Vegetable Seeds by number; it saves your time in writing your order, and ours in filling it.





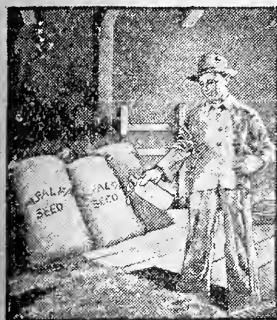
R.B. BUCHANAN SEED CO.



MEMPHIS, TENNESSEE.



BUCK BRAND TESTED SEEDS



Increase  
Your Crops  
Improve  
Your Soil  
WITH  
**Mulford Cultures**  
FOR LEGUMES

Small Cost      Large Returns      Easy to Use      No Labor Expense



### WHAT MULFORD CULTURES ARE

MULFORD INOCULATING CULTURES contain pure, tested strains of active, nitrogen-fixing bacteria, grown on specially prepared media (a jelly-like mass), and are furnished in flint glass bottles with rubber stoppers. They have recently been improved by adding a new ingredient to the culture medium, changing the color of the cultures to black, encouraging a more prolific growth of the bacteria, increasing the virulence or activity of the bacteria and prolonging the life of the culture.

### LEGUMES

The legumes are the pod-bearing plants, of which beans, peas, alfalfa, clover, vetch, etc., are the better known. They are the only plants, as a class, that can assimilate the nitrogen of the air as a part of their food (which action is entirely due to the association of nitrogen-fixing bacteria), thereby stimulating their own growth and greatly enriching the soil in the valuable element nitrogen when they decay. For these reasons, the legumes have recently come into greater agricultural prominence, and, as most of the varieties are of high food value, their more extensive cultivation is assured. The legumes differ from other plants, or non-legumes, chiefly in that the legumes, when grown under suitable soil conditions, have on their roots a number of tubercles or nodules, which are caused by the activities of the nitrogen-fixing bacteria. The bacteria in these nodules have the property of fixing or assimilating nitrogen from the air and of converting it into nitrate form suitable and available as food for the plants.

### HOW MULFORD CULTURES ARE USED

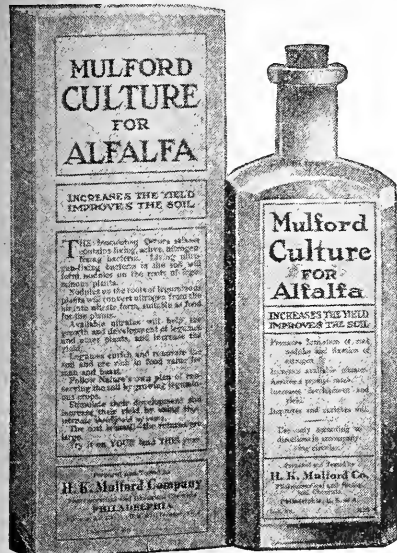
MULFORD CULTURES FOR LEGUMES are very easy to use, no special knowledge, no experience and no special implements being required. It is only necessary to add water to the bottle (which is intentionally only about one-fourth filled); shake well, and then dampen with this mixture the seeds or soil, which will not interfere with planting.



Notice how much bigger inoculated Soy Beans may grow than uninoculated. Drawing made from actual photograph.



Garden Size ( $\frac{1}{4}$ -Acre).....	\$ .75
1-Acre Size .....	1.50
5-Acre ("A Dollar per Acre") .....	5.00



# Inoculate

Alfalfa, Sweet Clover, all Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans, all Legumes with

The Improved Soil Inoculator, Nobbe-Hiltner Process

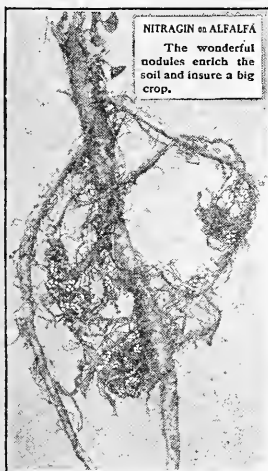
Registered in the United States Dec. 6th, 1893.  
OVER 26 YEARS AGO



Restores and Maintains Soil Fertility

## The Original Soil Inoculator

Grow legumes—alfalfa, clovers, soys, vetch, peas, and beans—for valuable feed crops, soil improvers, cover crops; BUT BE SURE TO INOCULATE THEM WITH NITRAGIN. Agricultural Colleges advise inoculation. Inoculated legumes draw valuable nitrogen from the air—not the soil—increase yield and quality of the crop and leave a rich store of nitrogen in the soil for future crops. Inoculated legume seed develops heavy clusters of nodules, where nitrogen is stored, on the roots of the legume plant and without which the legume is valueless as a soil builder. Nitragin inoculated legume crop bears heavy nodules and pays big in increased soil fertility.



Inoculated Alfalfa Roots

Protect yourself by insisting on NITRAGIN, the original Soil Inoculator. All inoculators are perishable; every package of Nitragin is dated as to life of contents for your protection. Look for the dated label when buying; agricultural colleges recommend this protection.

### Prices for Field Nitragin

$\frac{1}{4}$ bu. size for 15 lbs. seed .....	\$0.40
$\frac{1}{2}$ bu. size for 30 lbs. seed .....	.60
$\frac{1}{2}$ bu. size for Soy Beans and Cow Beans .....	.40*
1 bu. size for 60 lbs. seed .....	1.00
1 bu. size for Soy Beans and Cow Peas .....	.70*
5 bu. size for 300 lbs. seed .....	4.75
5 bu. size for Soy Beans and Cow Peas .....	2.50*

\* These prices on Nitragin for Soy Beans and Cow Peas have been greatly reduced from former prices. Buy the economical 5 bu. size for 50c per bushel of seed, treated.

When ordering, always state kind of seed you want to inoculate.

### Nitragin for Garden Use

Every garden needs Nitragin; garden size is for Peas, Sweet Peas, and Beans including Lima (3 in one Inoculant) Price.....20c



Sold in tins—not glass—packed in rich, soil-like granular medium, easy to mix with seed. Contents always fresh and bacteria active and vigorous.



# BUCHANAN'S SPECIAL QUOTATION SHEET

R. B. BUCHANAN SEED CO., Memphis, Tenn.

Dear Sir:—I would like to have you name me your lowest price on the list of seed I give you below. Please quote your best prices, and also let me know whether in your opinion the seed should be sent by Freight or Express, and also about what the cost of delivery will be. It is distinctly understood that in asking for this special quotation I am under no obligation to purchase same, and this is entirely for my own information as to prices and Freight or Express rates.

[illegible]

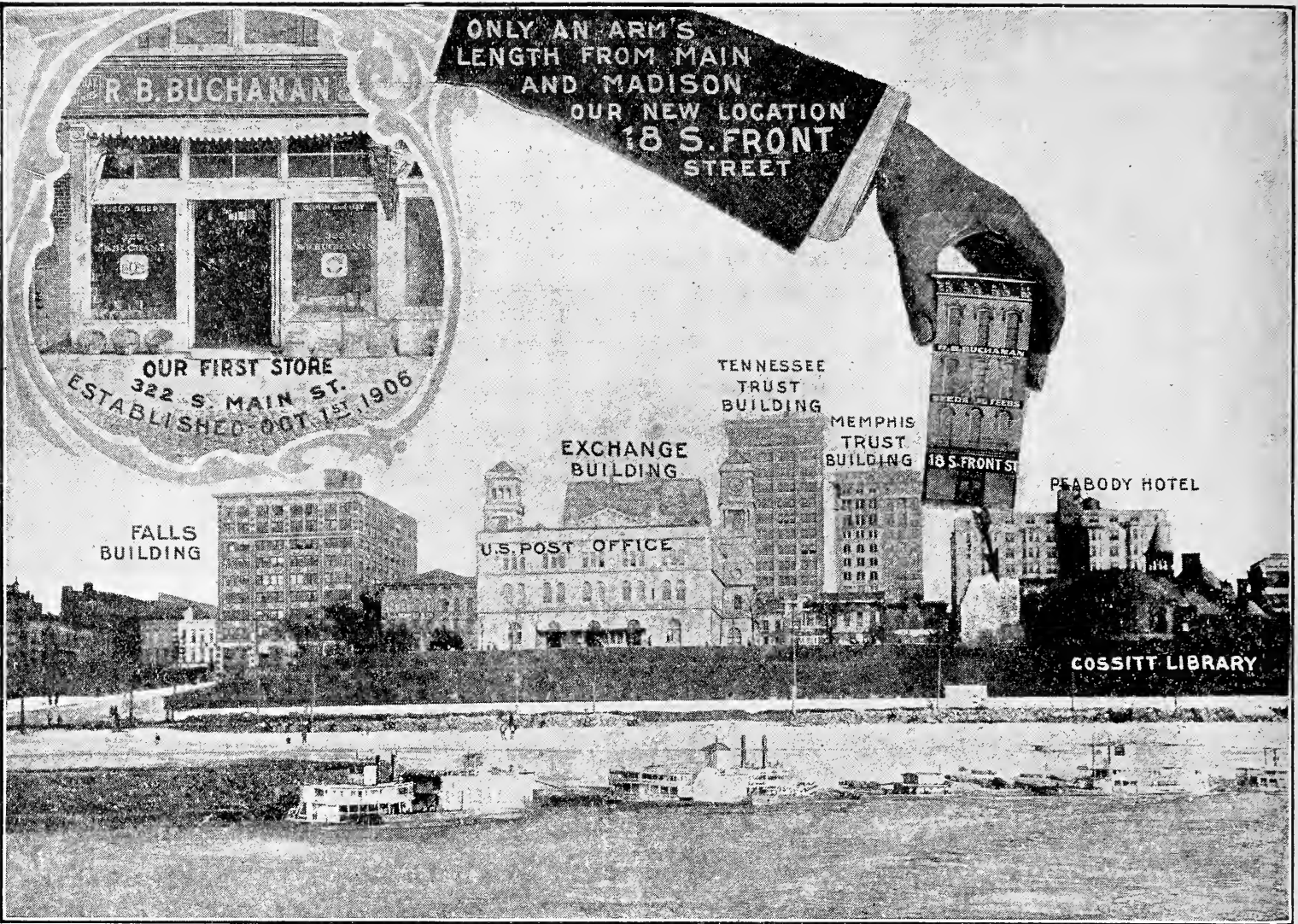
PLEASE WRITE PLAINLY IN THE BLANK SPACES BELOW

Your name.....	I am on the.....Railroad
P. O.....	My Express Office is.....
County.....R. F. D.....	The name of the nearest Freight Station is
State..... Date.....	

**Please Do Not Write in This Space.**

**Please Do Not Write in This Space.**





## When We Moved to 18 South Front Street from 322 South Main Street, 13 Years Ago.

*Thinking that the above picture might be interesting to some of our customers, who have not visited Memphis recently, we reproduce it. It was made 13 years ago, when we moved from 322 S. Main St. to 18 S. Front St.*

*On the river where you see the boats is a narrow channel between the wharf and an island, known as "Mud Island," formed in recent years. This channel is kept open by dredge boats for these river steamers to load and unload freight and passengers. Our neighborhood shows many improvements that have taken place during these years. An addition has just been completed to the Cossitt Library costing many thousands of dollars. One-half block south of us, where Orgill Bros. was located for about 60 years, now stands the Shrine Building, costing about one million dollars. Just east of the Shrine Building, on the corner of Monroe and Main St., where the Peabody Hotel is shown in this picture, is located Lowenstein's Department Store, owned by the City Stores Corporation. This building is ten stories high, costing about two million dollars, and is the finest store South, and probably has no equal for beauty and completeness in the United States.*

*The Memphis Trust Building is now known as the Bank of Commerce Building, occupied by the Bank of Commerce, with a capital of three million dollars, and deposits of thirty-three and one-half million dollars.*

*The Tennessee Trust Building, afterwards known as the Union and Planters Bank Building, and sold to the Fidelity Bank and Trust Company when the Union and Planters Bank moved into their twelve-story million dollar building on the corner of Madison and Front St., which is just one-half block north of our store.*

*It is needless to say here that we are proud of our new neighbors.*

*Our old store, 322 S. Main St., is now a department store, and has been for many years.*

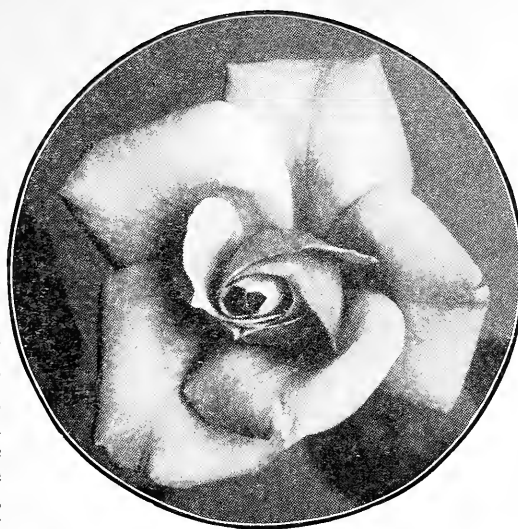
*There were two Seed Stores on Front St. when we moved here in 1913—now there are six almost within range of this picture.*

*My! but how our neighborhood has improved in a short time. Upon your next visit to Memphis, come and see us.*

**R. B. BUCHANAN.**

# BUCHANAN'S HARDY ROSES

**KAISERIN AUGUSTA VICTORIA—White**—This is one of the most beautiful Roses grown. Its extra-large, exquisitely formed flowers are borne singly on strong upright stems making it very popular as a cut-flower. Buds are long and the flowers very full, deep and sweet-scented. Color, soft white, slightly tinged lemon-yellow.



**JOHNKEER J. L. MOCK—Red**—The color is carmine on the outside, and imperial pink on the inside of the flower. The blooms are very large, perfectly formed, and highly perfumed. Plant an entire Rose-bed of this one kind.

**RADIANCE—Red**—This is a counterpart of the glorious pink Radiance, but the color is clear cerise-red which does not fade. Blooms are large and double. Plant an entire bed of this vigorous, healthy Rose, and you can depend upon having abundant, deliciously fragrant and handsome blooms for cutting from June until frost.

**MAMAN COCHET—White**—A splendid Rose; has all the good qualities of Pink Maman Cochet, but is pure snow-white, with outside petals tipped pink in the autumn; large and fragrant.

**EUGENE MARLITT—Red**—One of the most fragrant, continuous blooming and vigorous growing, perfectly double Roses. Flowers are rich, dark carmine. Hardier than most of the Hybrid Tea Roses.

**MAMAN COCHET—Pink**—This superb Rose is well known as a queen among Roses, one of the best and most beautiful varieties ever grown, and quite hardy. The flowers are of enormous size, very full and of great depth and substance. Color, rich coral-pink, elegantly shaded with rosy crimson; has broad, thick, shell-like petals and makes superb long-pointed buds; immense bloomer, and flowers the whole season. Deliciously sweet and a hardy, vigorous grower. It ranks among the very finest hardy everblooming Roses.

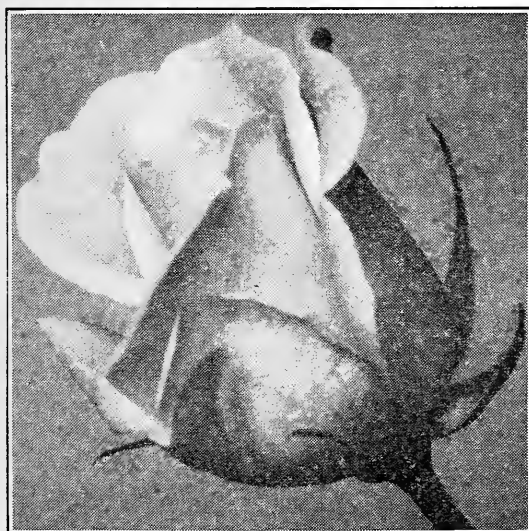
## Climbing Roses

**DR. W. VAN FLEET—Pink**—The flesh-pink climbing Rose. No other climbing Rose has ever created such favorable comment as Dr. W. Van Fleet, for the flowers are so perfect

in every way—form, color, delicate fragrance—and borne on such long, strong stems. Cut a bouquet of this variety just before the flowers open and you will find difficulty in procuring any other Roses to compare with them in sheer loveliness. When fully established you can expect several canes 10 to 15 feet long every season, and these canes will produce masses of Roses the following June.

**SILVER MOON—White**—The grandest white climbing Rose. Flowers are very large, semi-double, and when open resemble a white clematis with a center of golden anthers. A most vigorous grower with large, dark green, shiny foliage.

**AMERICAN BEAUTY—Red**—Color rosy crimson, exquisite fragrance, a quality rarely found in climbing Roses. Of strong habit of growth. Flowers 3 to 4 inches in diameter, finely formed on long stems, are produced in great profusion and are splendid for cutting.

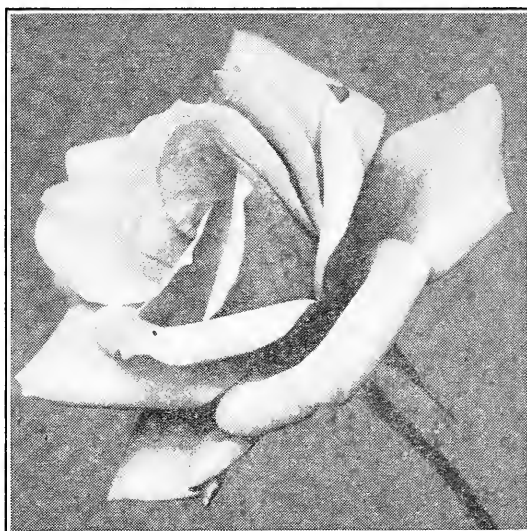


Alexander Hill Gray

**ALEXANDER HILL GRAY—Yellow**—Is wonderfully floriferous, every shoot being crowned with a flower bud, which develops into a bloom of very large size, great substance and perfect formation with high pointed center from which the petals gracefully reflex. The best and largest pure yellow Tea Rose yet introduced.

**RADIANCE—Pink**—A brilliant rosy-carmine, displaying beautiful rich and opaline-pink tints in the open flower. Radiance is a Rose that does well everywhere, a fine grower and free bloomer, and no prettier pink Rose grown.

**PRICES:**  
Any above Roses  
2-Year Size Only  
Each \$1.00. Dozen \$10.00  
Post Paid



Radiance

## Buchanan's Buck Brand Choice Rose Collection

BUCHANAN'S BUCK BRAND ROSE COLLECTION—CONSISTING OF 12 FINEST  
EVERBLOOMING ROSES FOR THE SOUTH

3 Red

3 Pink

3 White

3 Yellow

THEY ARE POST PAID TO YOU FOR \$1.50

12 Roses—3 Red  
3 Yellow, 3 Pink, 3 White  
Post Paid for \$1.50

**R. B. BUCHANAN SEED CO.**  
MEMPHIS, TENN.

Greatest  
Rose Bargain  
Ever Offered

# BUCHANAN'S *FLOWER SEEDS*



SCARLET  
FLAME

BUCHANAN'S  
DAHLIA FLOWERED  
MIXED ZINNIAS

POLAR BEAR

DREAM

EXQUISITE

ORIOLE

CRIMSON MONARCH

**R.B. BUCHANAN SEED CO.**  
MEMPHIS, TENN.